

**Engineering progress
Enhancing lives**

Catalogue UK Sewage Technology

Catalog valid from January 2023



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01 AWADUKT PP

Overview sewer pipe systems

Overview and general notes

Program overview / Program description

The REHAU AWADUKT PP sewage pipe systems meet standard DIN EN 1852 applicable across Europe for solid wall sewage pipe systems made from filler-free polypropylene.



AWADUKT PP SN10 and AWADUKT HPP SN16*

The classic options for all standard wastewater applications

Conventional field of application	Sewage and industrial waste water
Area of application	Combined and separate systems
Colour	Orange
Laying length [mm]	1000/3000/6000
Dimension	DN/OD 110 – 800*

The orange variant is usually used for combined sewers or for wastewater sewers in separate sewer systems. This provides a clear distinction from storm sewers (blue).



AWADUKT PP SN10 BLUE and AWADUKT HPP SN16 BLUE*

Ideally suited to modern separation systems

Conventional field of application	Rainwater
Area of application	Separation system
Colour	Blue
Laying length [mm]	1000/3000/6000
Dimension	DN/OD 110 – 630*

AWADUKT PP SN10 BLUE and HPP SN16 BLUE are used for the construction of separation systems. In the case of separation systems, separate sewer systems are created in the sewer construction for the drainage of rainwater and wastewater.



AWADUKT PP SN10 OIL PROTECT and AWADUKT HPP SN16 OIL PROTECT*

Suitable for special custom applications thanks to the inserted NBR seal

Conventional field of application	Wastewater containing oil and petrol
Area of application	Combined and separate systems
Colour	Orange with black marking
Laying length [mm]	1000/3000/6000
Dimension	DN/OD 110 – 630*

AWADUKT PP SN10 OIL PROTECT and HPP SN16 OIL PROTECT are used for the construction of mixing and separation systems. The NBR seal used ensures resistance to wastewater containing oil and petrol. This pipe system can be used for applications in the industrial sector (e.g. canteen kitchens, food industry, petroleum industry, etc.).

* For AWADUKT HPP SN16 deviating dimensions (see product range)



AWADUKT PP SN10 FUSION and AWADUKT HPP SN16 FUSION*

The pipe system for longitudinally force-locked welded joints

Conventional field of application	Sewage and industrial waste water
Area of application	Combined and separate systems
Colour	Orange
Laying length [mm]	6000
Dimension	DN/OD 110 – 800*

AWADUKT PP SN10 FUSION and HPP SN16 FUSION is used for the construction of tensile sewer pipe systems. By means of a welded joint (electro socket welding, heating element butt welding) the pipe system can likewise be used for thermally/chemically loaded industrial waste water.



AWADUKT PP SN4

The pipe system for domestic and property drainage

Conventional field of application	Domestic and property drainage
Colour	Green
Laying length [mm]	1000/2000/6000
Dimension	DN/OD 110 – 400

AWADUKT PP SN4 - the high-quality pipe system for functionally reliable and demand-oriented house and property drainage.

* For AWADUKT HPP SN16 deviating dimensions (see product range)



02 AWADUKT PP SN10/HPP SN16

Sewer pipe system for wastewater and mixed water

10

02.01 Sewer pipe

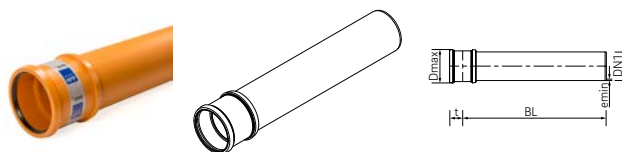
AWADUKT HPP SN16 sewer pipe

Type:
KGEM

Components:
with double socket coupler and EPDM sealing rings to
DIN EN 1852

Material:
Polypropylene (PP 2300)

Colour:
Orange



Mat.-no.	Description	DN/OD	Construction length BL mm	D _{max} mm	t mm	e _{min} ^{*1} mm	Weight kg/pc	PG pc
110								
11725511001	pipe with double socket DN 110, 6 m	110	6000	135	62	5	9.983	80
160								
11721251001	pipe with double socket DN 160, 1 m	160	1000	188	77	7.3	3.967	35
11721351001	pipe with double socket DN 160, 3 m	160	3000	188	77	7.3	10.701	35
11721451001	pipe with double socket DN 160, 6 m	160	6000	188	77	7.3	20.802	35
200								
11721551001	pipe with double socket DN 200, 1 m	200	1000	233	90	9.1	6.3	20
11721651001	pipe with double socket DN 200, 3 m	200	3000	233	90	9.1	16.866	20
11721751001	pipe with double socket DN 200, 6 m	200	6000	233	90	9.1	32.715	20
250								
11721851001	pipe with double socket DN 250, 1 m	250	1000	296	109	11.4	10.351	12
11721951001	pipe with double socket DN 250, 3 m	250	3000	296	109	11.4	26.735	12
11722051001	pipe with double socket DN 250, 6 m	250	6000	296	109	11.4	51.311	12
315								
11726371001	pipe with double socket DN 315, 1 m	315	1000	366	127	14.4	16.511	6
11726381001	pipe with double socket DN 315, 3 m	315	3000	366	127	14.4	42.251	6
11726391001	pipe with double socket DN 315, 6 m	315	6000	366	127	14.4	80.861	6
400								
11722451001	pipe with double socket DN 400, 1 m	400	1000	461	159	18.2	27.845	6
11722551001	pipe with double socket DN 400, 3 m	400	3000	461	159	18.2	69.237	6
11722651001	pipe with double socket DN 400, 6 m	400	6000	461	159	18.2	131.325	6
500								
11091191001	pipe with double socket DN 500, 1 m	500	1000	565	189	22.8	42.8	4
11091211001	pipe with double socket DN 500, 3 m	500	3000	565	189	22.8	107.002	4
11091221001	pipe with double socket DN 500, 6 m	500	6000	565	189	22.8	203.305	4
630								
11091231001	pipe with double socket DN 630, 1 m	630	1000	706	215	28.7	66.821	2
11091241001	pipe with double socket DN 630, 3 m	630	3000	706	215	28.7	168.371	2
11091271001	pipe with double socket DN 630, 6 m	630	6000	706	215	28.7	320.696	2

*1 Minimum wall thickness

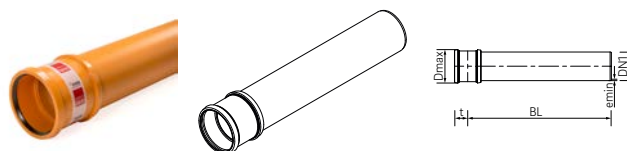
AWADUKT PP SN10 sewer pipe

Type:
KGEM

Components:
with double socket coupler and EPDM sealing rings to
DIN EN 1852

Material:
Polypropylene (PP 2300)

Colour:
Orange



Mat.-no.	Description	DN/OD	Construction length BL mm	D _{max} mm	t mm	e _{min} ^{*1} mm	Weight kg/pc	PG pc
110								
11700071106	pipe with double socket DN 110, 1 m	110	1000	135	62	3.8	1.661	80
11700171106	pipe with double socket DN 110, 3 m	110	3000	135	62	3.8	4.433	80
11703471106	pipe with double socket DN 110, 6 m	110	6000	135	62	3.8	8.591	80
160								
11701311106	pipe with double socket DN 160, 1 m	160	1000	188	77	5.5	3.417	35
11701411106	pipe with double socket DN 160, 3 m	160	3000	188	77	5.5	9.195	35
11700371106	pipe with double socket DN 160, 6 m	160	6000	188	77	5.5	17.862	35
200								
11701711106	pipe with double socket DN 200, 1 m	200	1000	233	90	6.9	5.11	20
11701811106	pipe with double socket DN 200, 3 m	200	3000	233	90	6.9	13.536	20
11700471106	pipe with double socket DN 200, 6 m	200	6000	233	90	6.9	26.175	20
250								
12480931106	pipe with double socket DN 250, 1 m	250	1000	296	109	8.6	8.385	12
12481031106	pipe with double socket DN 250, 3 m	250	3000	296	109	8.6	21.383	12
11700571106	pipe with double socket DN 250, 6 m	250	6000	296	109	8.6	40.88	12
315								
13288711106	pipe with double socket DN 315, 1 m	315	1000	366	127	10.8	13.535	6
13288721106	pipe with double socket DN 315, 3 m	315	3000	366	127	10.8	34.109	6
13288731106	pipe with double socket DN 315, 6 m	315	6000	366	127	10.8	64.97	6
400								
12272851106	pipe with double socket DN 400, 1 m	400	1000	461	159	13.7	24.126	6
12213951106	pipe with double socket DN 400, 3 m	400	3000	461	159	13.7	59.934	6
12371821106	pipe with double socket DN 400, 6 m	400	6000	461	159	13.7	113.646	6
500								
11080951001	pipe with double socket DN 500, 1 m	500	1000	565	189	17.1	36.63	4
11080961001	pipe with double socket DN 500, 3 m	500	3000	565	189	17.1	88.492	4
11080971001	pipe with double socket DN 500, 6 m	500	6000	565	189	17.1	166.285	4
630								
11080981001	pipe with double socket DN 630, 1 m	630	1000	706	215	21.6	57.297	2
11080991001	pipe with double socket DN 630, 3 m	630	3000	706	215	21.6	139.799	2
11081001001	pipe with double socket DN 630, 6 m	630	6000	706	215	21.6	263.552	2

*1 Minimum wall thickness

AWADUKT PP SN10 FUSION sewer pipe with chamfering

Properties:

plain-ended according to DIN EN 1852

Type:

KGGL

Material:

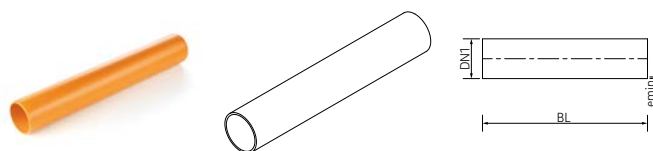
Polypropylene (PP 2300)

Colour:

Orange

Note:

order the associated double socket separately if required



Mat.-no.	Description	DN/OD	Construction length BL mm	e_{min}^{*1} mm	Weight kg/pc	PG pc
710						
11803441001 ^{*2}	pipe without socket DN 710, 3 m	710	3000	27.2	176.7	1
11803541001 ^{*2}	pipe without socket DN 710, 6 m	710	6000	27.2	353.4	1
800						
12152211106 ^{*2}	pipe without socket DN 800, 3 m	800	3000	30.6	247.5	1
12096791106 ^{*2}	pipe without socket DN 800, 6 m	800	6000	30.6	495	1

^{*1} Minimum wall thickness^{*2} delivery time on request**AWADUKT PP double socket**

Mat.-no.	Description	DN/OD	t mm	D_{max} mm	Length L1 mm	Length L2 mm	Weight kg/pc	PG pc
710								
11076341001	DN 710	710	253	800	260	260	35	1
800								
11076351001	DN 800	800	229	895	258	258	58	1

02.02 Fittings

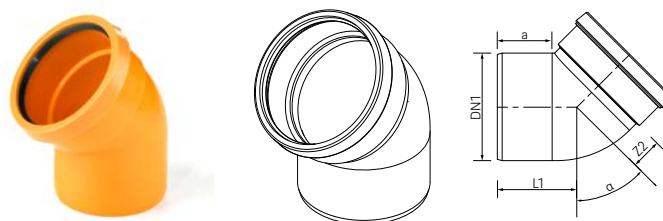
AWADUKT PP elbow

Type:
KGB

Components:
with EPDM seal

Material:
Polypropylene (PP 2300)

Colour:
Orange



Mat.-no.	Description	DN/OD	a mm	α °	Z2 mm	Length L1 mm	Weight	PG pc
110								
12474111001	DN 110, 15 degree	110	61	15	12	69	256 g/pc	25
12474211001	DN 110, 30 degree	110	61	30	19	78	280 g/pc	25
12474311001	DN 110, 45 degree	110	61	45	29	87	304 g/pc	40
12474411001	DN 110, 88 degree	110	61	88	66	121	380 g/pc	25
160								
13209651001	DN 160, 15 degree	160	82	15	18	94	566 g/pc	120
13209751001	DN 160, 30 degree	160	82	30	28	106	625 g/pc	108
13209851001	DN 160, 45 degree	160	82	45	42	119	698 g/pc	90
12474811002	DN 160, 88 degree	160	82	88	99	170	1.023 kg/pc	60
200								
12476211002	DN 200, 15 degree	200	102	15	32	117	1.065 kg/pc	60
12476311002	DN 200, 30 degree	200	102	30	47	132	1.192 kg/pc	50
12476411002	DN 200, 45 degree	200	102	45	63	148	1.318 kg/pc	48
12476511002	DN 200, 88 degree	200	102	88	122	207	1.707 kg/pc	32
250								
12476611002	DN 250, 15 degree	250	140	15	39	159	2.148 kg/pc	32
12476711002	DN 250, 30 degree	250	140	30	58	177	2.346 kg/pc	24
12476811002	DN 250, 45 degree	250	140	45	78	197	2.58 kg/pc	21
12476911002	DN 250, 88 degree	250	140	88	152	272	3.278 kg/pc	16
315								
12477011002	DN 315, 15 degree	315	150	15	50	173	3.67 kg/pc	14
12477111002	DN 315, 30 degree	315	150	30	73	197	4.15 kg/pc	12
12477211002	DN 315, 45 degree	315	150	45	98	222	4.62 kg/pc	11
12477311002	DN 315, 88 degree	315	150	88	192	316	5.83 kg/pc	8
400								
12393421002	DN 400, 15 degree	400	185	15	70	227	8.04 kg/pc	6
12393521002	DN 400, 30 degree	400	185	30	114	253	9.15 kg/pc	5
12393621002	DN 400, 45 degree	400	185	45	120	282	9.67 kg/pc	4
12373131002	DN 400, 88 degree	400	185	88	237	394	12.32 kg/pc	4

*1 delivery time on request

Mat.-no.	Description	DN/OD	a mm	α °	Z2 mm	Length L1 mm	Weight	PG pc
500								
14309831001	DN 500, 15 degree	500	249	15	475	282	32.2 kg/pc	2
14309841001	DN 500, 30 degree	500	263	30	496	330	33.093 kg/pc	2
14309851001	DN 500, 45 degree	500	263	45	648	480	42.236 kg/pc	2
14309861001	DN 500, 88 degree	500	263	88	1056	791	54.627 kg/pc	1
630								
14309871001	DN 630, 15 degree	630	300	15	585	341	55.431 kg/pc	1
14309881001	DN 630, 30 degree	630	315	30	617	399	59.321 kg/pc	1
14309891001	DN 630, 45 degree	630	477	45	1004	769	90.546 kg/pc	1
14309911001	DN 630, 88 degree	630	524	88	1510	1284	121.63 kg/pc	1
710								
14231511005*1	DN 710, 15 degree	710	288	15	335	335	57.46 kg/pc	1
14231531005*1	DN 710, 30 degree	710	290	30	385	385	63.35 kg/pc	1
14231541005*1	DN 710, 45 degree	710	314	45	601	601	86.91 kg/pc	1
14231551005*1	DN 710, 88 degree	710	312	88	962	962	112.8 kg/pc	1
800								
14014981005*1	DN 800, 15 degree	800	347	15	400	400	96.9 kg/pc	1
14015051005*1	DN 800, 30 degree	800	363	30	470	470	102.12 kg/pc	1
14015061005*1	DN 800, 45 degree	800	471	45	821	821	143.82 kg/pc	1
14015071005*1	DN 800, 88 degree	800	510	88	1381	1381	184.13 kg/pc	1

*1 delivery time on request

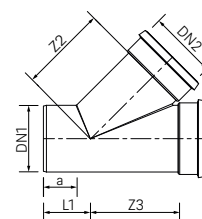
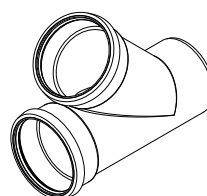
AWADUKT PP single branch 45°

Type:
KGEA

Components:
with EPDM seals

Material:
Polypropylene (PP 2300)

Colour:
Orange



Mat.-no.	Description	DN/OD DN1	DN/OD DN2	a mm	Z2 mm	Z3 mm	Length L1 mm	Weight	PG pc
110									
12474911001	DN 110/110, 45 degree	110	110	65	140	140	88	672 g/pc	16
160									
12475011001	DN 160/110, 45 degree	160	110	93	179	164	91	950 g/pc	8
12475111002	DN 160/160, 45 degree	160	160	91	204	204	124	1.698 kg/pc	32
200									
13244221001	DN 200/160, 45 degree	200	160	98	244	236	110	2.406 kg/pc	18
13244231001	DN 200/200, 45 degree	200	200	99	270	270	140	3.064 kg/pc	16
250									
13147561002	DN 250/160, 45 degree	250	160	174	272	276	162	4.029 kg/pc	12
13147571002	DN 250/200, 45 degree	250	200	146	290	276	162	4.456 kg/pc	12
12376741005	DN 250/250, 45 degree	250	250	165	462	463	217	12.659 kg/pc	4
315									
12197781002	DN 315/160, 45 degree	315	160	178	322	312	130	6.335 kg/pc	8
12197921002	DN 315/200, 45 degree	315	200	150	339	312	134	6.538 kg/pc	8
14311321001	DN 315/250, 45 degree	315	250	175	540	575	194	15.601 kg/pc	4
14311331001	DN 315/315, 45 degree	315	315	175	595	622	240	20.033 kg/pc	2
400									
12330141002	DN 400/160, 45 degree	400	160	220	405	354	137	11.54 kg/pc	5
12393821002	DN 400/200, 45 degree	400	200	191	405	354	137	11.66 kg/pc	4
14311341001	DN 400/250, 45 degree	400	250	209	600	655	186	25.683 kg/pc	2
14311361001	DN 400/315, 45 degree	400	315	208	655	705	231	29.961 kg/pc	2
14311371005	DN 400/400, 45 degree	400	400	210	735	768	293	39.266 kg/pc	1
500									
14314691005	DN 500/160, 45 degree	500	160	300	600	645	163	33.568 kg/pc	1
14311421005	DN 500/200, 45 degree	500	200	300	630	686	191	36.095 kg/pc	2
14311431005*1	DN 500/250, 45 degree	500	250	300	680	740	227	40.238 kg/pc	1
14311441005*1	DN 500/315, 45 degree	500	315	300	730	790	273	45.887 kg/pc	1
14311451005*1	DN 500/400, 45 degree	500	400	300	810	855	333	56.049 kg/pc	1
14311461005*1	DN 500/500, 45 degree	500	500	300	885	930	404	70.01 kg/pc	1

*1 delivery time on request

Mat.-no.	Description	DN/OD DN1	DN/OD DN2	a mm	Z2 mm	Z3 mm	Length L1 mm	Weight kg/pc	PG pc
630									
14311641005* ¹	DN 630/160, 45 degree	630	160	300	690	775	98	53.987 kg/pc	1
14311651005* ¹	DN 630/200, 45 degree	630	200	300	720	803	126	56.972 kg/pc	1
14311741005* ¹	DN 630/250, 45 degree	630	250	300	770	849	162	62.075 kg/pc	1
14311751005* ¹	DN 630/315, 45 degree	630	315	300	820	910	208	69.509 kg/pc	1
14311771005* ¹	DN 630/400, 45 degree	630	400	300	900	976	268	81.296 kg/pc	1
14311781005* ¹	DN 630/500, 45 degree	630	500	300	985	1043	339	96.691 kg/pc	1
14311791005* ¹	DN 630/630, 45 degree	630	630	300	1085	1144	430	122.465 kg/pc	1
710									
14231571005* ¹	DN 710/160, 45 degree	710	160	316	862	871	74	75.27 kg/pc	1
14231581005* ¹	DN 710/200, 45 degree	710	200	316	896	843	102	76.44 kg/pc	1
14231591005* ¹	DN 710/250, 45 degree	710	250	316	951	807	138	79.38 kg/pc	1
800									
14061671005* ¹	DN 800/160, 45 degree	800	160	369	926	917	83	96.2 kg/pc	1
14061681005* ¹	DN 800/200, 45 degree	800	200	370	961	889	111	96.2 kg/pc	1
14016851005* ¹	DN 800/250, 45 degree	800	250	370	1016	854	146	96.2 kg/pc	1

*¹ delivery time on request

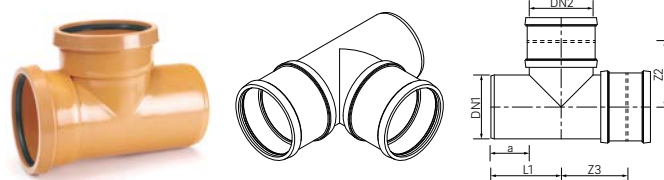
AWADUKT PP single branch 90°

Type:
KGEA

Components:
with EPDM seals

Material:
Polypropylene (PP 2300)

Colour:
Orange



Mat.-no.	Description	DN/OD DN1	DN/OD DN2	a mm	Z2 mm	Z3 mm	Length L1 mm	Weight kg/pc	PG pc
160									
12217831005*1	DN 160/110, 90 degree	160	110	117	193	138	172	1.747	1
12217841002	DN 160/160, 90 degree	160	160	88	88	88	170	1.283	51
200									
13245221001	DN 200/160, 90 degree	200	160	98	117	101	181	1.906	32
13245231001	DN 200/200, 90 degree	200	200	98	121	121	202	2.327	1
250									
12322571005	DN 250/160, 90 degree	250	160	165	238	165	235	4.952	1
12315071005	DN 250/200, 90 degree	250	200	165	239	185	265	5.94	1
12350991005*1	DN 250/250, 90 degree	250	250	165	240	215	290	7.534	1
315									
14311821005	DN 315/160, 90 degree	315	160	219	286	300	255	9.636	1
14311831005	DN 315/200, 90 degree	315	200	199	293	300	275	11.011	1
14311841005*1	DN 315/250, 90 degree	315	250	174	313	300	299	12.905	1
14311881005*1	DN 315/315, 90 degree	315	315	185	332	332	342	15.868	1
400									
14311911005*1	DN 400/160, 90 degree	400	160	210	339	299	290	17.913	1
14311921005*1	DN 400/200, 90 degree	400	200	210	445	319	310	19.065	1
14311931005*1	DN 400/250, 90 degree	400	250	210	366	344	335	21.23	1
14311941005*1	DN 400/315, 90 degree	400	315	204	385	376	361	24.517	1
14311951005*1	DN 400/400, 90 degree	400	400	210	419	419	410	31.154	1
500									
14312011005*1	DN 500/160, 90 degree	500	160	300	399	340	380	30.689	1
14312021005*1	DN 500/200, 90 degree	500	200	300	405	360	400	32.259	1
14312031005*1	DN 500/250, 90 degree	500	250	300	426	385	425	34.834	1
14312041005*1	DN 500/315, 90 degree	500	315	300	445	418	457	38.802	1
14312071005*1	DN 500/400, 90 degree	500	400	300	479	460	500	45.935	1
14312081005*1	DN 500/500, 90 degree	500	500	300	510	510	550	55.07	1
630									
14312091005*1	DN 630/160, 90 degree	630	160	300	464	366	380	47.897	1
14312111005*1	DN 630/200, 90 degree	630	200	300	470	386	400	50.007	1
14312121005*1	DN 630/250, 90 degree	630	250	300	491	411	425	53.338	1

*1 delivery time on request

Mat.-no.	Description	DN/OD	DN/OD	a	Z2	Z3	Length L1	Weight	PG
		DN1	DN2	mm	mm	mm	mm	kg/pc	pc
14312131005*1	DN 630/315, 90 degree	630	315	300	510	444	457	58.192	1
14312141005*1	DN 630/400, 90 degree	630	400	300	544	486	500	66.399	1
14312151005*1	DN 630/500, 90 degree	630	500	300	575	536	550	76.56	1
14312171005*1	DN 630/630, 90 degree	630	630	300	601	601	615	92.007	1

*1 delivery time on request

AWADUKT PP level based single branch 90°

Type:

KGEA

Components:

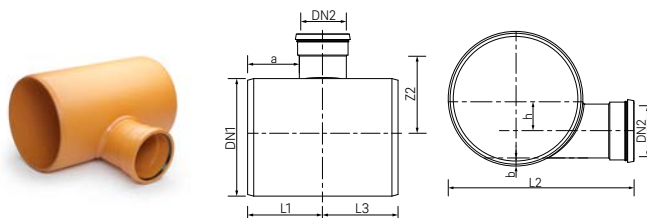
with EPDM seal

Material:

Polypropylene (PP 2300)

Colour:

Orange



Mat.-no.	DN/OD	DN/OD	a	Z2	Length L1	Length L2	Length L3	Height gain h	Base height b	Weight	PG
	DN1	DN2	mm	mm	mm	mm	mm	mm	mm	kg/pc	pc
250											
18004291005*1	250	160	160	235	240	427	240	25	16	6.604	1
315											
18004341005*1	315	160	170	268	250	492	250	55	16	8.371	1
18004381005*1	315	200	170	268	270	505	270	35	18	7.6	1
400											
18004351005*1	400	160	195	310	275	577	275	94	16	16.532	1
18004391005*1	400	200	195	310	295	590	295	74	18	15.205	1
500											
18004361005*1	500	160	220	360	300	677	300	140	16	29.662	1
18004441005*1	500	200	220	360	320	690	320	120	18	30.363	1
630											
18004371005*1	630	160	240	425	320	807	320	200	16	34.198	1
18004451005*1	630	200	240	425	340	820	340	180	18	34.576	1

*1 delivery time on request

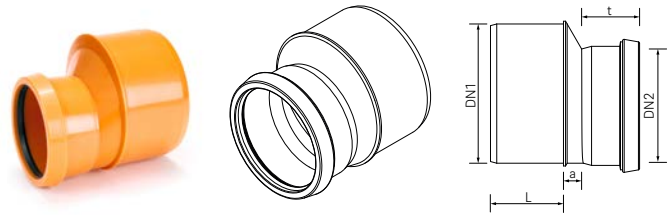
AWADUKT PP connecting reducer

Type:
KGR

Components:
with EPDM seal

Material:
Polypropylene (PP 2300)

Colour:
Orange



Mat.-no.	Description	DN/OD	DN/OD	Length L	a	t	Weight	PG
		DN1	DN2					
160								
12475211001	DN 160/110	160	110	86	34	55	528 g/pc	20
200								
12477911002	DN 200/160	200	160	105	41	68	898.5 g/pc	75
250								
12478011002	DN 250/200	250	200	143	52	77	1.719 kg/pc	48
315								
12478111002	DN 315/250	315	250	150	59	83	2.995 kg/pc	24
400								
12373231003	DN 400/315	400	315	223	10	144	4.924 kg/pc	10
500								
12346261003	DN 500/400	500	400	263	14	174	9.855 kg/pc	4
630								
14115521005	DN 630/500	630	500	315	15	199	18.19 kg/pc	1

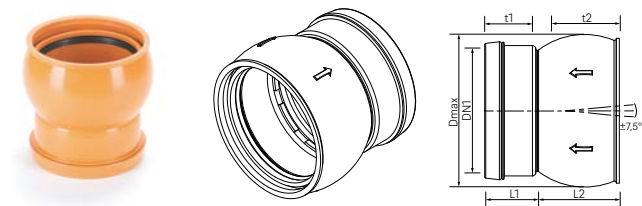
AWADUKT PP ball joint

Properties:

- infinite angle adjustment by $\pm 7.5^\circ$ horizontally or vertically
- with EPDM seals

Material:
Polypropylene (PP 2300)

Colour:
Orange



Mat.-no.	Description	DN/OD	D _{max}	t	t2	Length L1	Length L2	Weight	PG
			mm						
160									
11760451001	DN 160 socket/socket	160	210	69	98	76	127	1.265	72
11760551001	DN 160 socket/spigot	160	210	0	98	88	127	1.207	92
200									
11725551001	DN 200 socket/socket	200	253	78	110	105	146	1.959	45
11725651001	DN 200 socket/spigot	200	253	0	110	95	146	1.886	45

AWADUKT PP double socket vario

Properties:

- infinite angle adjustment by $\pm 7.5^\circ$ horizontally or vertically
- with EPDM seals

Type:

KGMM vario

Material:

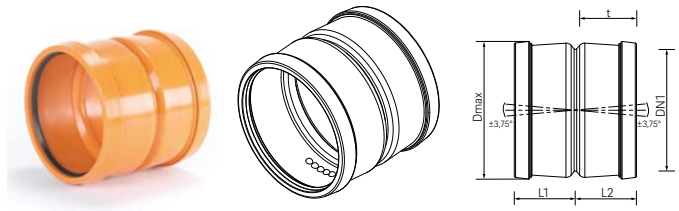
Polypropylene (PP 2300)

Colour:

Orange

Note:

delivery socket/spigot end includes double socket with pipe section



Mat.-no.	Description	DN/OD	t mm	D_{max} mm	Length L1 mm	Length L2 mm	Weight kg/pc	PG pc
250								
11760751001	DN 250 socket/socket	250	105	286	127	127	1.92	32
11761171001	DN 250 socket/spigot	250	105	286	127	527	5.202	10
315								
11760851001	DN 315 socket/socket	315	120	357	146	146	3.307	16
11761181001	DN 315 socket/spigot	315	120	357	146	570	9.306	6

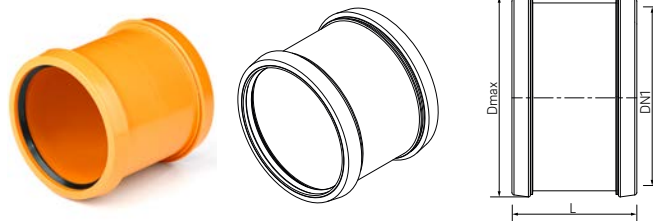
AWADUKT PP sleeve coupler

Type:
KGU

Components:
with EPDM seals

Material:
Polypropylene (PP 2300)

Colour:
Orange



Mat.-no.	Description	DN/OD	Length L mm	D _{max} mm	Weight	PG pc
110						
12475311001	DN 110	110	128	135	270 g/pc	30
160						
11043051001	DN 160	160	158	187	515.78 g/pc	120
200						
11043061001	DN 200	200	184	232	877.1 g/pc	60
250						
11043071001	DN 250	250	225	293	1.854 kg/pc	27
315						
11043081001	DN 315	315	261	363	3.163 kg/pc	18
400						
11053831001	DN 400	400	327	461	6.049 kg/pc	7
500						
14075191001	DN 500	500	389	567	10.243 kg/pc	4
630						
11154811001	DN 630	630	441	709	15.5 kg/pc	8

AWADUKT PP double socket

Type:
KGMM

Components:
with EPDM seals

Material:
Polypropylene (PP 2300)

Colour:
Orange



Mat.-no.	Description	DN/OD	t mm	D _{max} mm	Length L1 mm	Length L2 mm	Weight	PG pc
110								
12475511001	DN 110	110	62	135	64	64	275 g/pc	30
160								
11054771001	DN 160	160	77	187	79	79	600.13 g/pc	120
200								
11054761001	DN 200	200	90	232	92	92	1.017 kg/pc	60
250								
11054751001	DN 250	250	109	293	112	112	2.159 kg/pc	27
315								
11054741001	DN 315	315	127	363	131	131	3.641 kg/pc	18
400								
11054731001	DN 400	400	159	461	164	164	7.149 kg/pc	7
500								
13156061002	DN 500	500	189	567	195	195	10.548 kg/pc	4
630								
11154711001	DN 630	630	215	709	221	221	16.028 kg/pc	8
710								
11076341001	DN 710	710	253	800	260	260	35 kg/pc	1
800								
11076351001	DN 800	800	229	895	258	258	58 kg/pc	1

AWADOCK Polymer

Application:

connection of DN 160/200 PP, PE and PVC sewer pipes to smooth-walled plastic pipes and GRP pipes

Properties:

infinite angle adjustment by $\pm 7.5^\circ$ horizontally or vertically

Material:

- Ethylene-propylene diene monomer rubber (EPDM)
- Swelling secondary seal (Q-TE-C)
- Polypropylene (PP)

Colour:

- screw crown, Orange
- retaining ring, Grey



Mat.-no.	Type	Main pipe DN/OD min.	Main pipe DN/ID/OD max.	Connection DN/OD	Wall thickness min. mm	Wall thickness max. mm	Borehole mm	Weight kg/pc	PG pc
11715511200	200	200	200	160	4.9	11	162	1.786	48
11715611250	250	250	250	160	6	22	162	1.738	48
11715711315	315	301	390	160	6	23	162	1.711	48
11715811400	400	391	490	160	8	27	162	1.692	48
11715911500	500	491	620	160	8	32	162	1.68	48
11716011630	630	621	699	160	10	33	162	1.672	48
11720111800	800	700	899	160	11	33	162	1.662	48
11720211999	1000	900	1400	160	13	33	162	1.657	48
11725091250	250	250	250	200	6	15	200	2.748	36
11725191315	315	300	355	200	6	19	200	2.682	36
11725291400	400	391	490	200	8	23	200	2.631	36
11725391500	500	491	620	200	8	25	200	2.61	36
11725491630	630	621	699	200	10	33	200	2.614	36
11725591800	800	700	899	200	11	34	200	2.594	36
11725691999	1000	900	1400	200	13	34	200	2.583	36

AWADOCK PC mounting wrench set

Application:

specially developed for the assembly of AWADOCK Polymer and AWADOCK Polymer Liner

Material:

Stainless steel

Colour:

Silver



Mat.-no.	Description	Weight kg/pc	PG pc
11904971001	AWADOCK Polymer DN 160 (2 pcs)	1	1
11907391001	AWADOCK Polymer DN 200 (2 pcs)	1.2	1

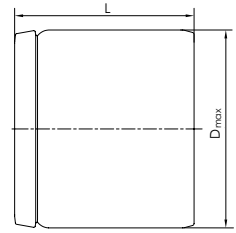
AWADUKT PP adapter

Application:
from vitrified clay to plastic

Type:
KGUSM

Material:
Polypropylene (PP 2300)

Colour:
Orange



Mat.-no.	Description	DN/OD	Length L mm	D _{max} mm	Weight kg/pc	PG pc
160						
14258891005	clay to PP	160	109	188	0.3	1

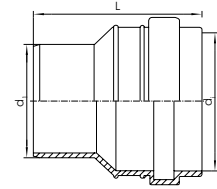
AWADUKT PP adapter

Application:
from vitrified clay spigot end to plastic

Type:
KGUS

Material:
Polypropylene (PP 2300)

Colour:
Orange



Mat.-no.	Description	DN/OD	Length L mm	d _e ^{*1} mm	d _i mm	Weight kg/pc	PG pc
160							
12122151001	crossover PP to clay DN 160	160	262	160	194	1.203	75

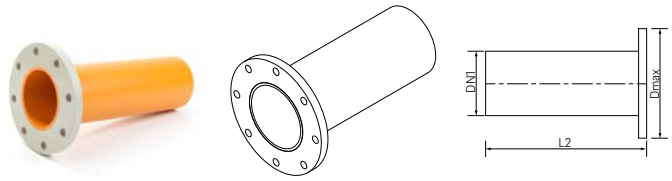
*1 according EN 1451-1

AWADUKT PP fixed flange

Application:
for transition to other flange connections drilled according
to PN10 according to DIN 2501

Material:
Polypropylene (PP 2300)

Colour:
Orange/Grey



Mat.-no.	Description	DN/OD	D _{max} mm	Length L2 mm	Weight	PG pc
110						
12108711005* ¹	DN 110/0,5 m	110	225	500	833.7 g/pc	1
160						
12108111005* ¹	DN 160/0,5 m	160	287	500	1.738 kg/pc	1
200						
12108211005* ¹	DN 200/0,5 m	200	340	500	2.703 kg/pc	1
250						
12108311005* ¹	DN 250/0,5 m	250	409	500	4.209 kg/pc	1
315						
12108411005* ¹	DN 315/0,5 m	315	463	500	6.612 kg/pc	1
400						
12108511005* ¹	DN 400/0,5 m	400	574	500	10.685 kg/pc	1
500						
12108611005* ¹	DN 500/0,5 m	500	675	500	15.721 kg/pc	1

*¹ delivery time on request

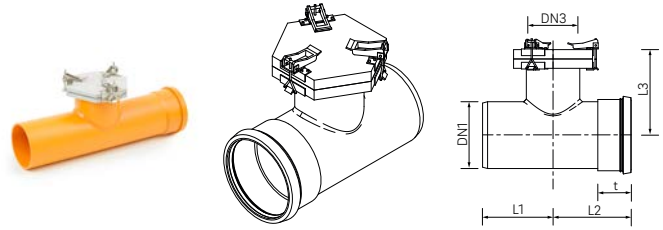
AWADUKT PP access pipe

Type:
KGRE

Components:
with EPDM seals

Material:
Polypropylene (PP 2300)

Colour:
Orange



Mat.-no.	Description	DN/OD DN1	DN/OD DN3	t mm	Length L1 mm	Length L2 mm	Length L3 mm	Weight kg/pc	PG pc
160									
11726211005* ¹	DN 160	160	110	77	167	188	240	4.8	1
200									
11726221005* ¹	DN 200	200	160	90	211	244	256	7	1
250									
11726231005* ¹	DN 250	250	200	109	265	280	279	10.9	1
315									
11726241005* ¹	DN 315	315	250	127	300	325	316	15.5	1
400									
11726251005* ¹	DN 400	400	315	159	343	362	358	24.9	1
500									
11726261005* ¹	DN 500	500	315	189	373	392	406	37.6	1

*¹ delivery time on request

AWADUKT PP cleaning box

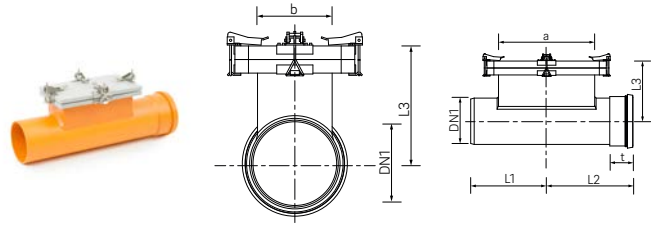
Type:
KGRK

Components:
with EPDM seals

Material:
Polypropylene (PP 2300)

Colour:
Orange

Note:
specially designed for camera inspections



Mat.-no.	Description	DN/OD	a mm	b mm	t mm	Length L1 mm	Length L2 mm	Length L3 mm	Weight kg/pc	PG pc
200										
11726131005* ¹	DN 200	200	400	150	90	328	373	260	16.3	1
250										
11726141005* ¹	DN 250	250	400	220	109	355	415	285	21.7	1
315										
11726151005* ¹	DN 315	315	400	270	127	360	430	318	30.6	1
400										
11726161005* ¹	DN 400	400	400	280	159	390	450	360	33.3	1
500										
11726171005* ¹	DN 500	500	400	280	189	480	410	410	44.7	1

*¹ delivery time on request

AWADUKT PP outlet

Components:

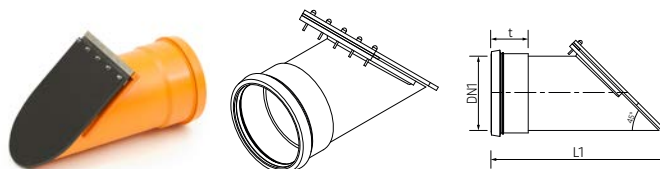
- with flap gate
- with EPDM seal

Material:

Polypropylene (PP 2300)

Colour:

Orange



Mat.-no.	Description	DN/OD	t mm	Length L1 mm	Weight	PG pc
110						
11726011005	DN 110	110	62	327	2400 g/pc	1
160						
11726021005	DN 160	160	77	400	4 kg/pc	1
200						
11726031005	DN 200	200	90	452	6.7 kg/pc	1
250						
11726041005	DN 250	250	109	533	10.4 kg/pc	1
315						
11726051005	DN 315	315	127	608	18.3 kg/pc	1
400						
11726061005* ¹	DN 400	400	159	715	21.8 kg/pc	1
500						
11726071005* ¹	DN 500	500	189	840	36.4 kg/pc	1
630						
11726081005* ¹	DN 630	630	215	990	46.1 kg/pc	1

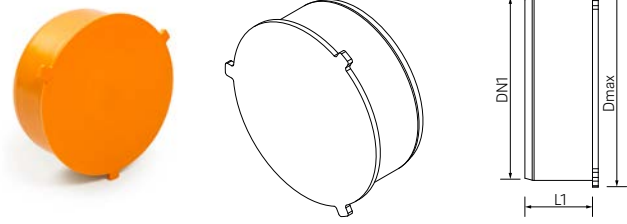
*¹ delivery time on request

AWADUKT PP socket plug

Type:
KGM

Material:
Polypropylene (PP 2300)

Colour:
Orange



Mat.-no.	Description	DN/OD	Length L mm	D _{max} mm	Weight	PG pc
110						
11009161002	DN 110	110	51	134	96 g/pc	850
160						
11009181002	DN 160	160	63	194	258 g/pc	340
200						
11009191002	DN 200	200	74	239	486 g/pc	280
500						
12125991005*1	DN 500	500	250	540	3.668 kg/pc	1
630						
12126091005*1	DN 630	630	270	670	7.479 kg/pc	1
710						
13249591001*1	DN 710	710	300	750	20.5 kg/pc	1
800						
12158281001*1	DN 800	800	350	840	30 kg/pc	1

*1 delivery time on request

AWADUKT PP socket plug, natural

Type:
KGM

Material:
Polypropylene (PP 2300)

Colour:
Nature



Mat.-no.	Description	DN/OD	Length L mm	D _{max} mm	Weight	PG pc
250						
11742601004	DN 250	250	89	290	500 g/pc	130
315						
11742701005	DN 315	315	89	362	630 g/pc	84
400						
11742801004	DN 400	400	92	454	1.1 kg/pc	50

AWADUKT PP chamber liner with wall collar

Properties:

DN 200 - 630 with lip seal ring

Type:

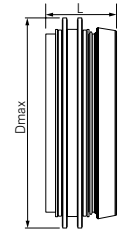
KGF-SB

Material:

Polypropylene (PP 2300)

Colour:

Orange



Mat.-no.	Description	DN/OD	Length L mm	D _{max} mm	Weight kg/pc	PG pc
11093071001* ¹	with wall collar DN 200/107 mm	200	107	315	1.17	1
11093081001* ¹	with wall collar DN 200/107 mm	250	142	370	1.815	1
11093091001* ¹	with wall collar DN 315/154 mm	315	154	439	2.59	1
11093101001* ¹	with wall collar DN 400/172 mm	400	172	508	4.85	1
11093111001* ¹	with wall collar DN 500/191 mm	500	191	607	7	1
11093121001* ¹	with wall collar DN 630/221 mm	630	221	752	10.115	1

*¹ delivery time on request**AWADUKT chamber liner**

Properties:

DN 110 - 200 without lip sealing ring

Type:

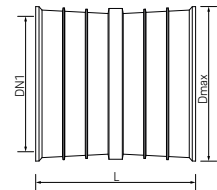
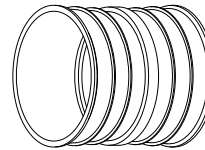
KGF-SB

Material:

Styrene/Butadiene (SB 100)

Colour:

Black



Mat.-no.	Description	DN/OD	Length L mm	D _{max} mm	Weight kg/pc	PG pc
11722601050* ¹	DN 110, 240 mm	110	240	137	568 g/pc	144
11724701050	DN 160, 110 mm	160	110	185	458 g/pc	168
11722801050	DN 160, 240 mm	160	240	190	904 g/pc	72
11724801050	DN 200, 110 mm	200	110	226	611 g/pc	140
11722901050	DN 200, 240 mm	200	240	232	1.196 kg/pc	60

*¹ delivery time on request

Rubber sealing ring SBR

Application:

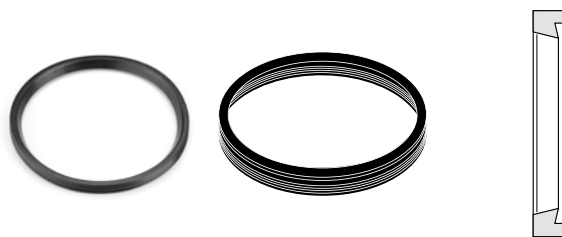
- for pipes and fittings
- standard sealing ring

Material:

Styrene butadiene rubber (SBR)

Colour:

Black



Mat.-no.	Description	Weight	PG	PG
		g/pc	pc	pc
11280331002	DN/OD 110	18	1	5220
11280531003	DN/OD 160	45	1	1904
11728501003	DN/OD 200	76	1	1080

AWADUKT chamber liner

Properties:

with lip sealing ring

Type:

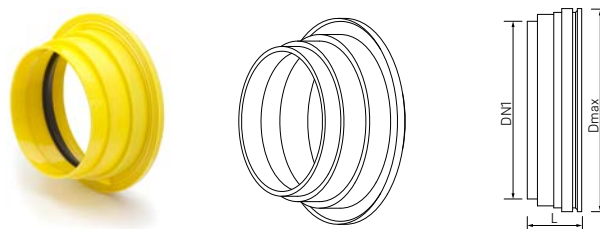
KGF-SB

Material:

Polypropylene (PP 2300)

Colour:

Yellow / DN 630 Grey



Mat.-no.	Description	DN/OD	Length L	D _{max}	Weight	PG
			mm	mm	kg/pc	pc
11725541050	DN 250, 150 mm	250	150	345	0.98	1
11725571050	DN 315, 150 mm	315	150	410	1.37	1
11725611050	DN 400, 150 mm	400	150	495	1.75	1
11725621050	DN 500, 130 mm	500	150	595	4.8	1
11725631050	DN 630, 150 mm	630	150	710	6.2	1
11083711001*1	DN 710, 240 mm	710	240	776	50	1
11083831001*1	DN 800, 240 mm	800	240	848	55.82	1

*1 delivery time on request

02.03 Accessories**AWADUKT PP deburrer**

Application:
for deburring AWADUKT PP pipes with 3 blades



Mat.-no.	Description	Weight g/pc	PG pc
11067581001	deburring tool	53	50

Lubricant

Application:
for socket coupler connection



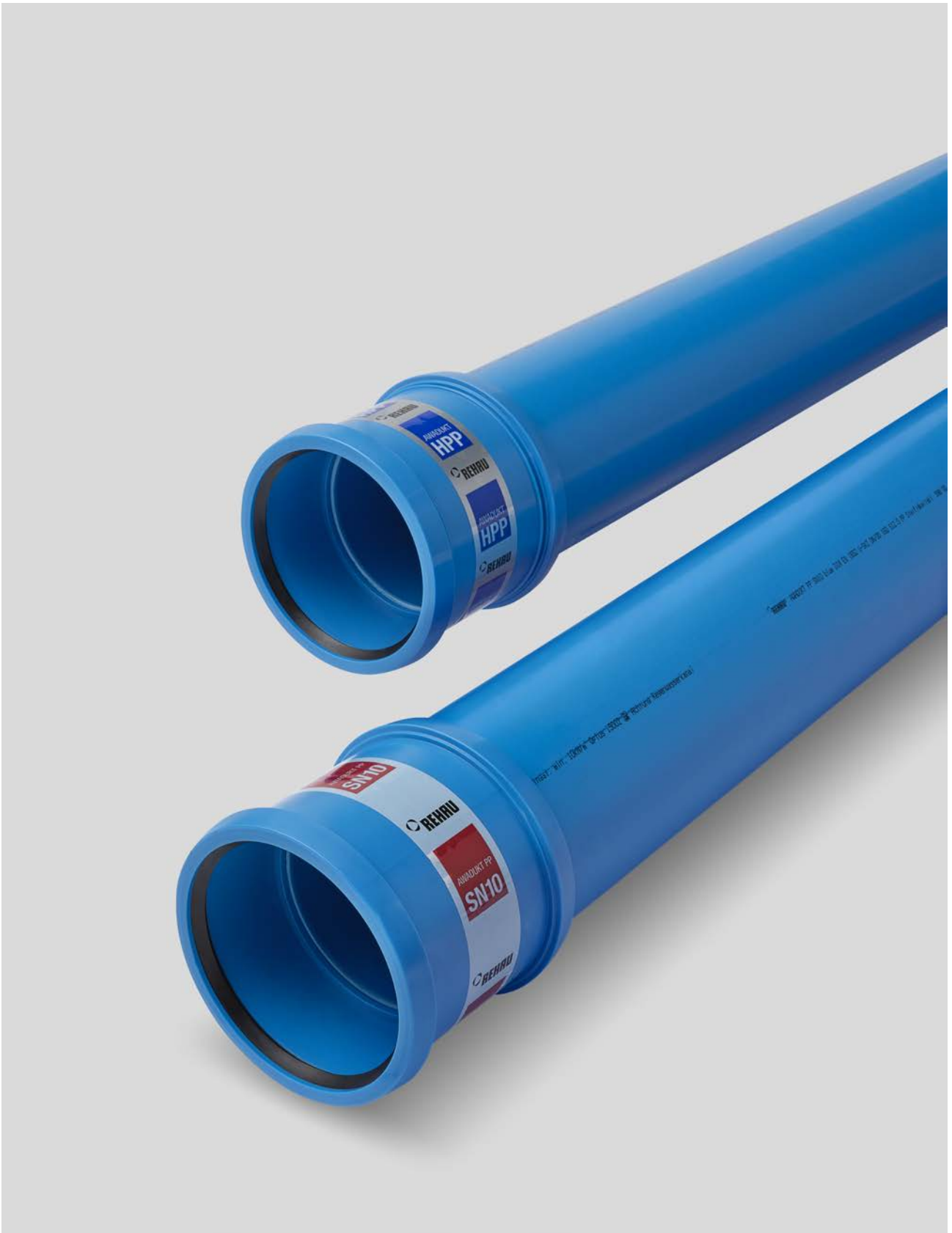
Mat.-no.	Description	Weight	PG pc
11765201003	250 ml	250 g/pc	50
11729601003	500 ml	500 g/pc	24
11787501001	1000 ml	1 kg/pc	1
11088101001	5000 ml	5000 g/pc	1

AWADUKT cutting disc

Application:
for cutting AWADUKT PP pipes



Mat.-no.	Description	Di mm	Da mm	Weight kg/pc
12141181001	disc cutter 230/22 for cutting PP-pipes	22	230	1
12141281001	disc cutter 350/20 for cutting PP-pipes	20	250	1.25
12141381001	disc cutter 350/25 for cutting PP-pipes	25	250	1.25



03 AWADUKT PP SN10/HPP SN16 BLUE

Sewer pipe system for rainwater

03.01 Sewer pipe

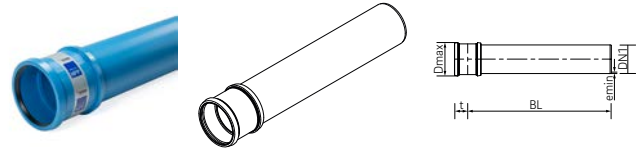
AWADUKT HPP SN16 BLUE sewer pipe

Type:
KGEM

Components:
with double socket coupler and EPDM sealing rings to
DIN EN 1852

Material:
Polypropylene (PP 2300)

Colour:
Blue



Mat.-no.	Description	DN/OD	Construction length BL mm	D _{max} mm	t mm	e _{min} ^{*1} mm	Weight kg/pc	PG pc
160								
11721251116	pipe with double socket DN 160, 1 m	160	1000	188	77	7.3	3.967	35
11721351116	pipe with double socket DN 160, 3 m	160	3000	188	77	7.3	10.701	35
11721451116	pipe with double socket DN 160, 6 m	160	6000	188	77	7.3	20.802	35
200								
11721551116	pipe with double socket DN 200, 1 m	200	1000	233	90	9.1	6.3	20
11721651116	pipe with double socket DN 200, 3 m	200	3000	233	90	9.1	16.866	20
11721751116	pipe with double socket DN 200, 6 m	200	6000	233	90	9.1	32.715	20
250								
11721851116	pipe with double socket DN 250, 1 m	250	1000	296	109	11.4	10.351	12
11721951116	pipe with double socket DN 250, 3 m	250	3000	296	109	11.4	26.735	12
11722051116	pipe with double socket DN 250, 6 m	250	6000	296	109	11.4	51.311	12
315								
11726371116	pipe with double socket DN 315, 1 m	315	1000	366	127	14.4	16.511	6
11726381116	pipe with double socket DN 315, 3 m	315	3000	366	127	14.4	42.251	6
11726391116	pipe with double socket DN 315, 6 m	315	6000	366	127	14.4	80.861	6
400								
11722451116	pipe with double socket DN 400, 1 m	400	1000	461	159	18.2	27.845	6
11722551116	pipe with double socket DN 400, 3 m	400	3000	461	159	18.2	69.237	6
11722651116	pipe with double socket DN 400, 6 m	400	6000	461	159	18.2	131.325	6
500								
11091191116	pipe with double socket DN 500, 1 m	500	1000	565	189	22.8	42.8	4
11091211116	pipe with double socket DN 500, 3 m	500	3000	565	189	22.8	107.002	4
11091221116	pipe with double socket DN 500, 6 m	500	6000	565	189	22.8	203.305	4
630								
11091231116	pipe with double socket DN 630, 1 m	630	1000	706	215	28.7	66.821	2
11091241116	pipe with double socket DN 630, 3 m	630	3000	706	215	28.7	168.371	2
11091271116	pipe with double socket DN 630, 6 m	630	6000	706	215	28.7	320.696	2

*1 Minimum wall thickness

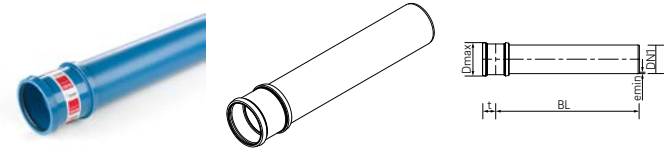
AWADUKT PP SN10 BLUE sewer pipe

Type:
KGEM

Components:
with double socket coupler and EPDM sealing rings to
DIN EN 1852

Material:
Polypropylene (PP 2300)

Colour: Blue



Mat.-no.	Description	DN/OD	Construction length BL mm	D _{max} mm	t mm	e _{min} *1 mm	Weight kg/pc	PG pc
110								
11700071116	pipe with double socket DN 110, 1 m	110	1000	135	62	3.8	1.661	80
11700171116	pipe with double socket DN 110, 3 m	110	3000	135	62	3.8	4.433	80
11703471116	pipe with double socket DN 110, 6 m	110	6000	135	62	3.8	8.591	80
160								
11701311116	pipe with double socket DN 160, 1 m	160	1000	189	77	5.5	3.417	35
11701411116	pipe with double socket DN 160, 3 m	160	3000	189	77	5.5	9.195	35
11700371116	pipe with double socket DN 160, 6 m	160	6000	189	77	5.5	17.862	35
200								
11701711116	pipe with double socket DN 200, 1 m	200	1000	234	90	6.9	5.11	20
11701811116	pipe with double socket DN 200, 3 m	200	3000	234	90	6.9	13.536	20
11700471116	pipe with double socket DN 200, 6 m	200	6000	234	90	6.9	26.175	20
250								
12480931116	pipe with double socket DN 250, 1 m	250	1000	296	109	8.6	8.385	12
12481031116	pipe with double socket DN 250, 3 m	250	3000	296	109	8.6	21.383	12
11700571116	pipe with double socket DN 250, 6 m	250	6000	296	109	8.6	40.88	12
315								
13288711116	pipe with double socket DN 315, 1 m	315	1000	367	127	10.8	13.535	6
13288721116	pipe with double socket DN 315, 3 m	315	3000	367	127	10.8	34.109	6
13288731116	pipe with double socket DN 315, 6 m	315	6000	367	127	10.8	64.97	6
400								
12272851116	pipe with double socket DN 400, 1 m	400	1000	462	159	13.7	24.126	6
12213951116	pipe with double socket DN 400, 3 m	400	3000	462	159	13.7	59.934	6
12371821116	pipe with double socket DN 400, 6 m	400	6000	462	159	13.7	106.026	6
500								
11080951116	pipe with double socket DN 500, 1 m	500	1000	567	189	17.1	36.63	4
11080961116	pipe with double socket DN 500, 3 m	500	3000	567	189	17.1	88.492	4
11080971116	pipe with double socket DN 500, 6 m	500	6000	567	189	17.1	166.285	4
630								
11080981116*2	pipe with double socket DN 630, 1 m	630	1000	708	215	21.6	57.297	2
11080991116	pipe with double socket DN 630, 3 m	630	3000	708	215	21.6	139.799	2
11081001116	pipe with double socket DN 630, 6 m	630	6000	708	215	21.6	263.552	2

*1 Minimum wall thickness

*2 delivery time on request

03.02 Fittings

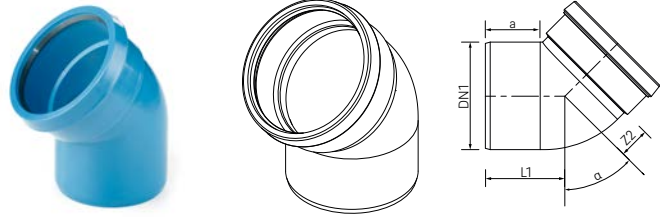
AWADUKT PP BLUE elbow

Type:
KGB

Components:
with EPDM seal

Material:
Polypropylene (PP 2300)

Colour:
Blue



Mat.-no.	Description	DN/OD	a mm	α °	Z2 mm	Length L1 mm	Weight	PG pc
110								
12474111056	DN 110, 15 degree	110	61	15	12	69	256 g/pc	25
12474211056	DN 110, 30 degree	110	61	30	19	78	280 g/pc	25
12474311056	DN 110, 45 degree	110	61	45	29	87	304 g/pc	40
12474411056	DN 110, 88 degree	110	61	88	66	121	380 g/pc	25
160								
13209651016	DN 160, 15 degree	160	82	15	18	94	566 g/pc	120
13209751016	DN 160, 30 degree	160	82	30	28	106	629 g/pc	108
13209851016	DN 160, 45 degree	160	82	45	42	119	698 g/pc	90
12474811056	DN 160, 88 degree	160	82	88	99	170	1.016 kg/pc	60
200								
12476211056	DN 200, 15 degree	200	102	15	32	117	1.24 kg/pc	60
12476311056	DN 200, 30 degree	200	102	30	47	132	1.372 kg/pc	50
12476411056	DN 200, 45 degree	200	102	45	63	148	1.467 kg/pc	48
12476511056	DN 200, 88 degree	200	102	88	122	207	1.879 kg/pc	32
250								
12476611016	DN 250, 15 degree	250	140	15	39	159	2.148 kg/pc	32
12476711016	DN 250, 30 degree	250	140	30	58	177	2.346 kg/pc	24
12476811016	DN 250, 45 degree	250	140	45	78	197	2.556 kg/pc	21
12476911016	DN 250, 88 degree	250	140	88	152	272	3.278 kg/pc	16
315								
12477011016	DN 315, 15 degree	315	150	15	50	173	3.67 kg/pc	14
12477111016	DN 315, 30 degree	315	150	30	73	197	4.15 kg/pc	12
12477211016	DN 315, 45 degree	315	150	45	98	222	4.62 kg/pc	11
12477311056	DN 315, 88 degree	315	150	88	192	316	5.83 kg/pc	8
400								
12393421056	DN 400, 15 degree	400	185	15	70	227	8.04 kg/pc	6
12393521056	DN 400, 30 degree	400	185	30	114	253	9.15 kg/pc	5
12393621056	DN 400, 45 degree	400	185	45	120	282	9.67 kg/pc	4
12373131056	DN 400, 88 degree	400	185	88	237	394	12.32 kg/pc	4

*1 delivery time on request

Mat.-no.	Description	DN/OD	a mm	α °	Z2 mm	Length L1 mm	Weight kg/pc	PG pc
500								
14309831016* ¹	DN 500, 15 degree	500	249	15	475	282	32.2 kg/pc	2
14309841016* ¹	DN 500, 30 degree	500	263	30	496	330	33.093 kg/pc	2
14309851016* ¹	DN 500, 45 degree	500	263	45	648	480	42.236 kg/pc	2
14309861016* ¹	DN 500, 88 degree	500	263	88	1056	791	54.627 kg/pc	1
630								
14309871016* ¹	DN 630, 15 degree	630	300	15	585	341	55.431 kg/pc	1
14309881016* ¹	DN 630, 30 degree	630	315	30	617	399	59.321 kg/pc	1
14309891016* ¹	DN 630, 45 degree	630	477	45	1004	769	90.546 kg/pc	1
14309911016* ¹	DN 630, 88 degree	630	524	88	1510	1284	121.63 kg/pc	1

*¹ delivery time on request

AWADUKT PP BLUE single branch 45°

Type:

KGEA

Components:

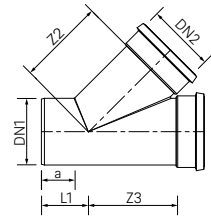
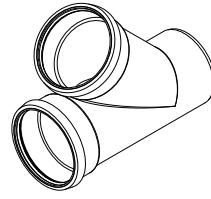
with EPDM seals

Material:

Polypropylene (PP 2300)

Colour:

Blue



Mat.-no.	Description	DN/OD	DN/OD	a	Z2	Z3	Length L1	Weight	PG
		DN1	DN2						
110									
12474911056	DN 110/110, 45 degree	110	110	65	140	140	88	672 g/pc	16
160									
12475011056	DN 160/110, 45 degree	160	110	93	179	164	91	950 g/pc	8
12475111056	DN 160/160, 45 degree	160	160	91	204	204	124	1.697 kg/pc	32
200									
13244221016	DN 200/160, 45 degree	200	160	98	244	236	110	2.406 kg/pc	18
13244231016	DN 200/200, 45 degree	200	200	99	270	270	140	3.064 kg/pc	16
250									
13147561056	DN 250/160, 45 degree	250	160	174	272	276	162	4.029 kg/pc	12
13147571016	DN 250/200, 45 degree	250	200	146	290	276	162	4.456 kg/pc	12
12376741016	DN 250/250, 45 degree	250	250	165	462	463	217	12.659 kg/pc	4
315									
12197781056	DN 315/160, 45 degree	315	160	178	322	312	130	6.381 kg/pc	8
12197921016	DN 315/200, 45 degree	315	200	150	339	312	134	6.538 kg/pc	8
14311321016* ¹	DN 315/250, 45 degree	315	250	175	508	496	194	15.601 kg/pc	4
14311331016* ¹	DN 315/315, 45 degree	315	315	175	545	547	233	20.033 kg/pc	2
400									
12330141026	DN 400/160, 45 degree	400	160	220	405	354	137	11.54 kg/pc	5
12393821056	DN 400/200, 45 degree	400	200	191	405	354	137	11.66 kg/pc	4
14311341016* ¹	DN 400/250, 45 degree	400	250	209	568	549	186	25.683 kg/pc	2
14311361016* ¹	DN 400/315, 45 degree	400	315	208	602	599	231	29.961 kg/pc	2
14311371016* ¹	DN 400/400, 45 degree	400	400	210	643	667	293	39.266 kg/pc	1
500									
14314691016* ¹	DN 500/160, 45 degree	500	160	300	594	553	217	33.568 kg/pc	1
14311421016* ¹	DN 500/200, 45 degree	500	200	300	614	568	182	36.095 kg/pc	2
14311431016* ¹	DN 500/250, 45 degree	500	250	300	639	605	435	40.238 kg/pc	1
14311441016* ¹	DN 500/315, 45 degree	500	315	300	673	649	481	45.887 kg/pc	1
14311451016* ¹	DN 500/400, 45 degree	500	400	300	734	717	553	56.049 kg/pc	1
14311461016* ¹	DN 500/500, 45 degree	500	500	300	797	796	704	70.01 kg/pc	1

*¹ delivery time on request

Mat.-no.	Description	DN/OD		a mm	Z2 mm	Z3 mm	Length L1 mm	Weight	PG pc
		DN1	DN2						
630									
14311641016* ¹	DN 630/160, 45 degree	630	160	300	696	602	113	53.987 kg/pc	1
14311651016* ¹	DN 630/200, 45 degree	630	200	300	717	636	139	56.972 kg/pc	1
14311741016* ¹	DN 630/250, 45 degree	630	250	300	741	669	176	62.075 kg/pc	1
14311751016* ¹	DN 630/315, 45 degree	630	315	300	788	707	223	69.509 kg/pc	1
14311771016* ¹	DN 630/400, 45 degree	630	400	300	828	786	284	81.296 kg/pc	1
14311781016* ¹	DN 630/500, 45 degree	630	500	300	878	849	352	96.691 kg/pc	1
14311791016* ¹	DN 630/630, 45 degree	630	630	300	951	955	444	122.465 kg/pc	1

*¹ delivery time on request

AWADUKT PP BLUE single branch 90°

Type:

KGEA

Components:

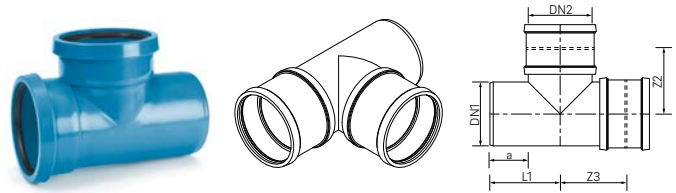
with EPDM seals

Material:

Polypropylene (PP 2300)

Colour:

Blue



Mat.-no.	Description	DN/OD DN1	DN/OD DN2	a mm	Z2 mm	Z3 mm	Length L1 mm	Weight kg/pc	PG pc
160									
12217831016* ¹	DN 160/110, 90 degree	160	110	117	193	138	172	1.747	1
12217841016* ¹	DN 160/160, 90 degree	160	160	88	88	88	170	1.283	51
200									
13245221016* ¹	DN 200/160, 90 degree	200	160	98	117	101	181	1.906	32
13245231016* ¹	DN 200/200, 90 degree	200	200	98	121	121	196	2.327	1
250									
12322571016* ¹	DN 250/160, 90 degree	250	160	165	238	165	245	4.952	1
12315071016* ¹	DN 250/200, 90 degree	250	200	165	239	185	265	5.715	1
12350991016* ¹	DN 250/250, 90 degree	250	250	165	240	215	290	7.534	1
315									
14311821016* ¹	DN 315/160, 90 degree	315	160	219	286	300	255	9.337	1
14311831016* ¹	DN 315/200, 90 degree	315	200	199	293	300	275	10.824	1
14311841016* ¹	DN 315/250, 90 degree	315	250	174	313	300	299	13.269	1
14311881016* ¹	DN 315/315, 90 degree	315	315	185	332	332	342	15.868	1
400									
14311911016* ¹	DN 400/160, 90 degree	400	160	210	339	299	290	17.913	1
14311921016* ¹	DN 400/200, 90 degree	400	200	210	345	319	310	19.065	1
14311931016* ¹	DN 400/250, 90 degree	400	250	210	366	344	335	21.23	1
14311941016* ¹	DN 400/315, 90 degree	400	315	204	385	376	367	24.517	1
14311951016* ¹	DN 400/400, 90 degree	400	400	210	419	419	410	31.154	1
500									
14312011016* ¹	DN 500/160, 90 degree	500	160	300	399	340	590	30.689	1
14312021016* ¹	DN 500/200, 90 degree	500	200	300	405	360	565	32.259	1
14312031016* ¹	DN 500/250, 90 degree	500	250	300	426	385	725	34.834	1
14312041016* ¹	DN 500/315, 90 degree	500	315	300	445	418	752	38.802	1
14312071016* ¹	DN 500/400, 90 degree	500	400	300	479	460	759	45.935	1
14312081016* ¹	DN 500/500, 90 degree	500	500	300	510	510	849	55.07	1
630									
14312091016* ¹	DN 630/160, 90 degree	630	160	300	464	366	395	47.897	1
14312111016* ¹	DN 630/200, 90 degree	630	200	300	470	386	415	50.007	1
14312121016* ¹	DN 630/250, 90 degree	630	250	300	491	411	440	53.338	1

*¹ delivery time on request

Mat.-no.	Description	DN/OD	DN/OD	a	Z2	Z3	Length L1	Weight	PG
		DN1	DN2	mm	mm	mm			
14312131016* ¹	DN 630/315, 90 degree	630	315	300	510	444	473	58.192	1
14312141016* ¹	DN 630/400, 90 degree	630	400	300	544	486	515	66.399	1
14312151016* ¹	DN 630/500, 90 degree	630	500	300	575	536	565	76.56	1
14312171016* ¹	DN 630/630, 90 degree	630	630	300	601	601	631	92.007	1

*¹ delivery time on request

AWADUKT PP BLUE sleeve coupler

Type:

KGU

Components:

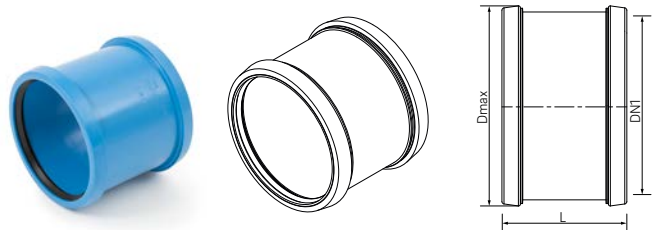
with EPDM seals

Material:

Polypropylene (PP 2300)

Colour:

Blue



Mat.-no.	Description	DN/OD	Length L	D _{max}	Weight	PG
110						
12475311016	DN 110	110	128	135	270 g/pc	30
160						
11043051016	DN 160	160	158	187	515.7 g/pc	120
200						
11043061016	DN 200	200	184	232	877.1 g/pc	60
250						
11043071016	DN 250	250	225	293	1.854 kg/pc	27
315						
11043081016	DN 315	315	261	363	3.163 kg/pc	18
400						
11053831016	DN 400	400	327	461	6.049 kg/pc	7
500						
14075191056	DN 500	500	389	567	10.243 kg/pc	4
630						
11154811016* ¹	DN 630	630	441	709	15.36 kg/pc	8

*¹ delivery time on request

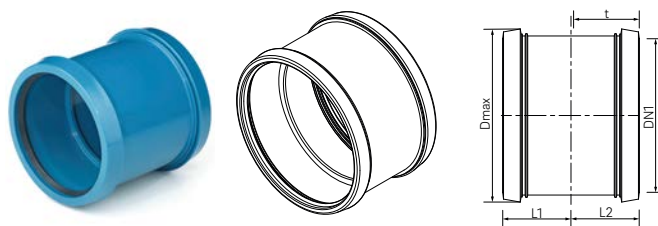
AWADUKT PP BLUE double socket

Type:
KGMM

Components:
with EPDM seals

Material:
Polypropylene (PP 2300)

Colour:
Blue



Mat.-no.	Description	DN/OD	t mm	D _{max} mm	Length L1 mm	Length L2 mm	Weight	PG pc
110								
12475511016	DN 110	110	62	135	64	64	275 g/pc	30
160								
11054771016	DN 160	160	77	187	79	79	600.13 g/pc	120
200								
11054761016	DN 200	200	90	232	92	92	1.017 kg/pc	60
250								
11054751016	DN 250	250	109	293	112	112	2.159 kg/pc	27
315								
11054741016	DN 315	315	127	363	131	131	3.641 kg/pc	18
400								
11054731016	DN 400	400	159	461	164	164	7.149 kg/pc	7
500								
13156061056	DN 500	500	189	567	195	195	10.548 kg/pc	4
630								
11154711016	DN 630	630	215	709	221	221	16.028 kg/pc	8

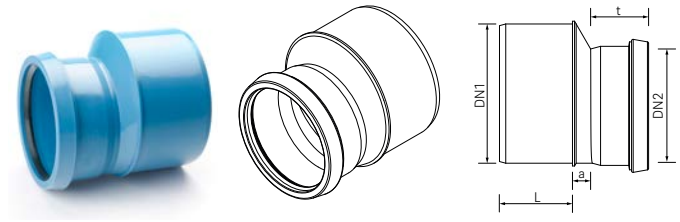
AWADUKT PP BLUE connecting reducer

Type:
KGR

Components:
with EPDM seal

Material:
Polypropylene (PP 2300)

Colour:
Blue



Mat.-no.	Description	DN/OD	DN/OD	Length L	a	t	Weight	PG
		DN1	DN2		mm	mm		
200								
12477911056* ¹	DN 200/160	200	160	105	41	68	893 g/pc	75
250								
12478011016* ¹	DN 250/200	250	200	143	52	77	1.718 kg/pc	48
315								
12478111016* ¹	DN 315/250	315	250	150	59	83	2.995 kg/pc	24
400								
12373231016* ¹	DN 400/315	400	315	223	10	144	4.924 kg/pc	10
500								
12346261016* ¹	DN 500/400	500	400	263	14	174	9.855 kg/pc	4
630								
14115521016* ¹	DN 630/500	630	500	315	15	199	18.19 kg/pc	1

*¹ delivery time on request

AWADUKT PP BLUE outlet

Components:

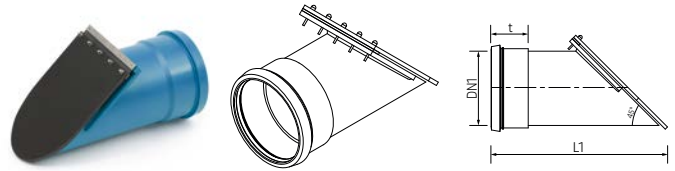
- with flap gate
- with EPDM seal

Material:

Polypropylene (PP 2300)

Colour:

Blue



Mat.-no.	Description	DN/OD	t mm	Length L1 mm	Weight kg/pc	PG pc
160						
11726021016* ¹	DN 160	160	77	400	4	1
200						
11726031016* ¹	DN 200	200	90	452	6.7	1
250						
11726041016* ¹	DN 250	250	109	533	10.4	1
315						
11726051016* ¹	DN 315	315	127	608	18.3	1
400						
11726061016* ¹	DN 400	400	159	715	21.8	1
500						
11726071016* ¹	DN 500	500	189	840	36.4	1
630						
11726081016* ¹	DN 630	630	215	990	46.1	1

*¹ delivery time on request**AWADUKT PP BLUE socket plug**

Type:

KGM

Material:

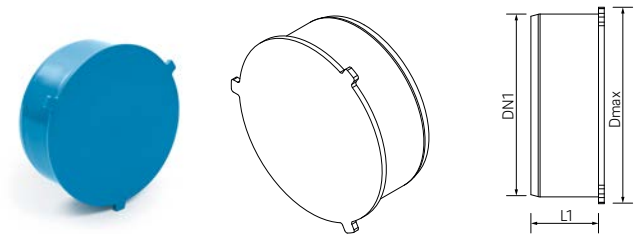
Polypropylene (PP 2300)

Colour:

Blue

Note:

other nominal diameters, see orange socket plugs



Mat.-no.	Description	DN/OD	Length L mm	D _{max} mm	Weight g/pc	PG pc
160						
11009181016	DN 160	160	63	194	256	340
200						
11009191016	DN 200	200	74	239	480	280

AWADUKT PP socket plug, natural

Type:

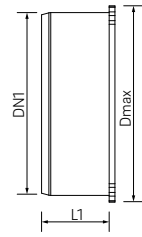
KGM

Material:

Polypropylene (PP 2300)

Colour:

Nature



Mat.-no.	Description	DN/OD	Length L mm	D _{max} mm	Weight g/pc	PG pc
250						
11742601004	DN 250	250	89	290	500 g/pc	130
315						
11742701005	DN 315	315	89	362	630 g/pc	84
400						
11742801004	DN 400	400	92	454	1.1 kg/pc	50

AWADUKT PP chamber liner with wall collar

Properties:

DN 200 - 630 with lip seal ring

Type:

KGF-SB

Material:

Polypropylene (PP 2300)

Colour:

Blue



Mat.-no.	Description	DN/OD	Length L mm	D _{max} mm	Weight kg/pc	PG pc
11093071016* ¹	with wall collar DN 200, 107 mm	200	107	315	1.17	1
11093081016* ¹	with wall collar DN 250, 142 mm	250	142	370	1.815	1
11093091016* ¹	with wall collar DN 315, 154 mm	315	154	439	2.59	1
11093101016* ¹	with wall collar DN 400, 172 mm	400	172	508	4.85	1
11093111016* ¹	with wall collar DN 500, 191 mm	500	191	607	7	1
11093121016* ¹	with wall collar DN 630, 221 mm	630	221	752	10.115	1

*¹ delivery time on request



04 AWADUKT PP SN10/HPP SN16 OIL PROTECT

Sewer pipe system for wastewater containing oil and petrol

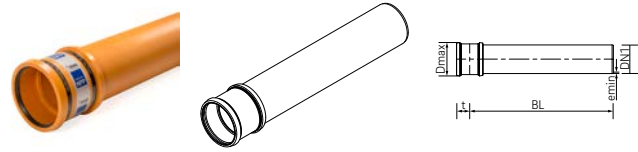
04.01 Sewer pipe**AWADUKT HPP SN16 OIL PROTECT sewer pipe**

Type:
KGEM

Components:
with push-fit socket and oil/petrol resistant sealing rings
according to DIN EN 1852

Material:
Polypropylene (PP 2300)

Colour:
Orange



Mat.-no.	Description	DN/OD	Construction length BL	D _{max}	t	e _{min} ^{*1}	Weight	PG
160								
11723451001 ^{*2}	pipe with double socket DN 160, 1 m	160	1000	189	77	7.3	3.969	35
11723551001 ^{*2}	pipe with double socket DN 160, 3 m	160	3000	189	77	7.3	10.703	35
11723651001 ^{*2}	pipe with double socket DN 160, 6 m	160	6000	189	77	7.3	20.804	35
200								
11723751001 ^{*2}	pipe with double socket DN 200, 1 m	200	1000	234	90	9.1	6.285	20
11723851001 ^{*2}	pipe with double socket DN 200, 3 m	200	3000	234	90	9.1	16.851	20
11723951001 ^{*2}	pipe with double socket DN 200, 6 m	200	6000	234	90	9.1	32.7	20
250								
11724051001 ^{*2}	pipe with double socket DN 250, 1 m	250	1000	296	109	11.4	10.351	12
11724151001 ^{*2}	pipe with double socket DN 250, 3 m	250	3000	296	109	11.4	26.735	12
11724251001 ^{*2}	pipe with double socket DN 250, 6 m	250	6000	296	109	11.4	51.311	12
315								
11726441001 ^{*2}	pipe with double socket DN 315, 1 m	315	1000	367	127	14.4	16.511	6
11726451001 ^{*2}	pipe with double socket DN 315, 3 m	315	3000	367	127	14.4	42.251	6
11726461001 ^{*2}	pipe with double socket DN 315, 6 m	315	6000	367	127	14.4	80.861	6
400								
11724751001 ^{*2}	pipe with double socket DN 400, 3 m	400	3000	461	159	18.2	69.237	6
11724851001 ^{*2}	pipe with double socket DN 400, 6 m	400	6000	461	159	18.2	131.338	6
500								
11180091001 ^{*2}	pipe with double socket DN 500, 3 m	500	3000	565	189	22.8	107.115	4
11181101001 ^{*2}	pipe with double socket DN 500, 6 m	500	6000	565	189	22.8	204.688	4
630								
11080141001 ^{*2}	pipe with double socket DN 630, 3 m	630	3000	706	215	28.7	168.371	2
11080151001 ^{*2}	pipe with double socket DN 630, 6 m	630	6000	706	215	28.7	320.696	2

*1 Minimum wall thickness

*2 delivery time on request

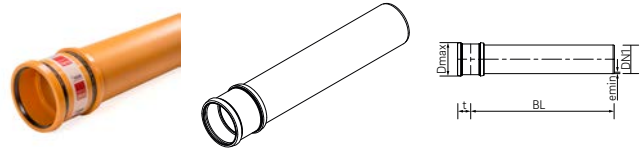
AWADUKT PP SN10 OIL PROTECT sewer pipe

Type:
KGEM

Components:
with push-fit socket and oil/petrol resistant sealing rings
according to DIN EN 1852

Material:
Polypropylene (PP 2300)

Colour:
Orange



Mat.-no.	Description	DN/OD	Construction length BL mm	D _{max} mm	t mm	e _{min} ^{*1} mm	Weight kg/pc	PG pc
110								
11700771106 ^{*2}	pipe with double socket DN 110, 1 m	110	1000	135	62	3.8	1.623	80
11700871106 ^{*2}	pipe with double socket DN 110, 3 m	110	3000	135	62	3.8	4.496	80
11703571106 ^{*2}	pipe with double socket DN 110, 6 m	110	6000	135	62	3.8	8.654	80
160								
11701071106 ^{*2}	pipe with double socket DN 160, 1 m	160	1000	189	77	5.5	3.311	35
11701171106 ^{*2}	pipe with double socket DN 160, 3 m	160	3000	189	77	5.5	8.729	35
11703671106 ^{*2}	pipe with double socket DN 160, 6 m	160	6000	189	77	5.5	16.856	35
200								
11701371106 ^{*2}	pipe with double socket DN 200, 1 m	200	1000	234	90	6.9	5.215	20
11701471106 ^{*2}	pipe with double socket DN 200, 3 m	200	3000	234	90	6.9	13.641	20
11703771106 ^{*2}	pipe with double socket DN 200, 6 m	200	6000	234	90	6.9	26.28	20
250								
11701671106 ^{*2}	pipe with double socket DN 250, 1 m	250	1000	296	109	8.6	8.658	12
11701771106 ^{*2}	pipe with double socket DN 250, 3 m	250	3000	296	109	8.6	21.656	12
11703871106 ^{*2}	pipe with double socket DN 250, 6 m	250	6000	296	109	8.6	41.153	12
315								
11726411106 ^{*2}	pipe with double socket DN 315, 1 m	315	1000	367	127	10.8	17.24	6
11726421106 ^{*2}	pipe with double socket DN 315, 3 m	315	3000	367	127	10.8	34.502	6
11726431106 ^{*2}	pipe with double socket DN 315, 6 m	315	6000	367	127	10.8	65.363	6
400								
11701561106 ^{*2}	pipe with double socket DN 400, 3 m	400	3000	462	159	13.7	60.904	6
11701661106 ^{*2}	pipe with double socket DN 400, 6 m	400	6000	462	159	13.7	120.838	6
500								
11179011001 ^{*2}	pipe with double socket DN 500, 3 m	500	3000	567	189	17.1	105.813	4
11179021001 ^{*2}	pipe with double socket DN 500, 6 m	500	6000	567	189	17.1	179.172	4
630								
11079951001 ^{*2}	pipe with double socket DN 630, 3 m	630	3000	702	215	21.6	139.799	2
11079961001 ^{*2}	pipe with double socket DN 630, 6 m	630	6000	702	215	21.6	263.552	2

*1 Minimum wall thickness

*2 delivery time on request

04.02 Fittings

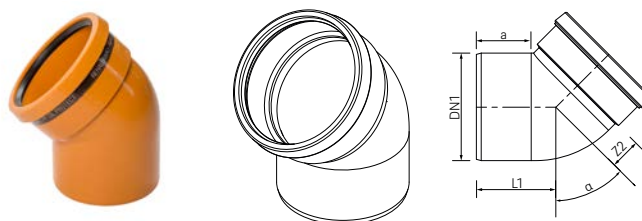
AWADUKT PP OIL PROTECT elbow

Type:
KGB

Components:
with oil/petrol resistant seal

Material:
Polypropylene (PP 2300)

Colour:
Orange



Mat.-no.	Description	DN/OD	a mm	α °	Z2 mm	Length L1 mm	Weight	PG pc
110								
12783761001*1	DN 110, 15 degree	110	61	15	12	69	296 g/pc	1
12783861001*1	DN 110, 30 degree	110	61	30	19	78	321 g/pc	1
12783961001*1	DN 110, 45 degree	110	61	45	29	87	346 g/pc	1
12784061001*1	DN 110, 88 degree	110	61	88	66	121	421 g/pc	1
160								
13784161001*1	DN 160, 15 degree	160	82	15	18	94	567 g/pc	1
13784261001*1	DN 160, 30 degree	160	82	30	28	106	626 g/pc	1
13784361001*1	DN 160, 45 degree	160	82	45	42	119	699 g/pc	1
12784461001*1	DN 160, 88 degree	160	82	88	99	170	1.029 kg/pc	1
200								
12784561001*1	DN 200, 15 degree	200	102	15	32	117	1.081 kg/pc	1
12784661001*1	DN 200, 30 degree	200	102	30	47	132	1.194 kg/pc	1
12784761001*1	DN 200, 45 degree	200	102	45	63	148	1.315 kg/pc	1
12784861001*1	DN 200, 88 degree	200	102	88	122	207	1.715 kg/pc	1
250								
12784961001*1	DN 250, 15 degree	250	140	15	39	159	2.172 kg/pc	1
12785061001*1	DN 250, 30 degree	250	140	30	58	177	2.37 kg/pc	1
12785161001*1	DN 250, 45 degree	250	140	45	78	197	2.604 kg/pc	1
12785261001*1	DN 250, 88 degree	250	140	88	152	272	3.27 kg/pc	1
315								
12785361001*1	DN 315, 15 degree	315	150	15	50	173	3.691 kg/pc	1
12785461001*1	DN 315, 30 degree	315	150	30	73	197	4.171 kg/pc	1
12785561001*1	DN 315, 45 degree	315	150	45	98	222	4.641 kg/pc	1
12785661001*1	DN 315, 88 degree	315	150	88	192	316	5.851 kg/pc	1
400								
12884651001*1	DN 400, 15 degree	400	185	15	70	227	8.096 kg/pc	1
12884751001*1	DN 400, 30 degree	400	185	30	114	253	9.206 kg/pc	1
12884851001*1	DN 400, 45 degree	400	185	45	120	282	9.726 kg/pc	1
12884951001*1	DN 400, 88 degree	400	185	88	237	394	12.376 kg/pc	1

*1 delivery time on request

Mat.-no.	Description	DN/OD	a mm	α °	Z2 mm	Length L1 mm	Weight	PG pc
500								
14311251001* ¹	DN 500, 30 degree	500	249	30	244	296	33.329 kg/pc	1
14311281001* ¹	DN 500, 15 degree	500	263	15	276	330	31.436 kg/pc	1
14311261001* ¹	DN 500, 45 degree	500	263	45	428	480	40.912 kg/pc	1
14311271001* ¹	DN 500, 88 degree	500	263	88	783	783	54.863 kg/pc	1

*¹ delivery time on request

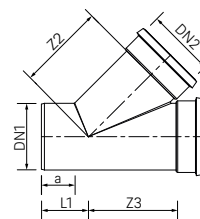
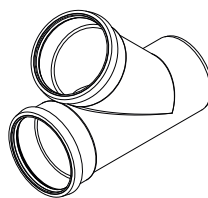
AWADUKT PP OIL PROTECT single branch 45°

Type:
KGEA

Components:
with oil/petrol resistant seals

Material:
Polypropylene (PP 2300)

Colour:
Orange



Mat.-no.	Description	DN/OD	DN/OD	a	Z2	Z3	Length L1	Weight	PG
		DN1	DN2						
110									
12785761001* ¹	DN 110/110, 45 degree	110	110	65	140	140	88	634 g/pc	1
160									
12785861001* ¹	DN 160/110, 45 degree	160	110	93	179	164	91	1.108 kg/pc	1
12785961001* ¹	DN 160/160, 45 degree	160	160	91	204	204	124	1.706 kg/pc	1
200									
13786061001* ¹	DN 200/160, 45 degree	200	160	98	244	236	110	2.4 kg/pc	1
13786161001* ¹	DN 200/200, 45 degree	200	200	99	270	270	140	3.049 kg/pc	1
250									
12786261001* ¹	DN 250/160, 45 degree	250	160	174	272	276	162	4.059 kg/pc	1
12786461001* ¹	DN 250/200, 45 degree	250	200	146	290	276	162	4.488 kg/pc	1
12888991001* ¹	DN 250/250, 45 degree	250	250	165	462	463	217	12.659 kg/pc	1
315									
12786561001* ¹	DN 315/160, 45 degree	315	160	178	322	312	130	6.362 kg/pc	1
12786761001* ¹	DN 315/200, 45 degree	315	200	150	339	312	134	6.567 kg/pc	1
14700061001* ¹	DN 315/250, 45 degree	315	250	175	540	575	194	15.395 kg/pc	1
14700071001* ¹	DN 315/315, 45 degree	315	315	175	595	622	240	19.805 kg/pc	1
400									
12885051001* ¹	DN 400/160, 45 degree	400	160	220	405	354	137	11.602 kg/pc	1
12016451001* ¹	DN 400/200, 45 degree	400	200	191	405	354	137	11.724 kg/pc	1
14700081001* ¹	DN 400/250, 45 degree	400	250	209	600	655	186	25.481 kg/pc	1
14700091001* ¹	DN 400/315, 45 degree	400	315	208	655	705	231	29.737 kg/pc	1
14700111001* ¹	DN 400/400, 45 degree	400	400	210	735	768	293	39.046 kg/pc	1
500									
14700121001* ¹	DN 500/160, 45 degree	500	160	300	600	645	163	33.789 kg/pc	1
14700131001* ¹	DN 500/200, 45 degree	500	200	300	630	686	191	36.327 kg/pc	1
14700141001* ¹	DN 500/250, 45 degree	500	250	300	680	740	227	40.382 kg/pc	1
14700151001* ¹	DN 500/315, 45 degree	500	315	300	730	790	273	46.009 kg/pc	1
14700161001* ¹	DN 500/400, 45 degree	500	400	300	810	855	333	56.175 kg/pc	1
14700171001* ¹	DN 500/500, 45 degree	500	500	300	885	930	404	70.482 kg/pc	1

*¹ delivery time on request

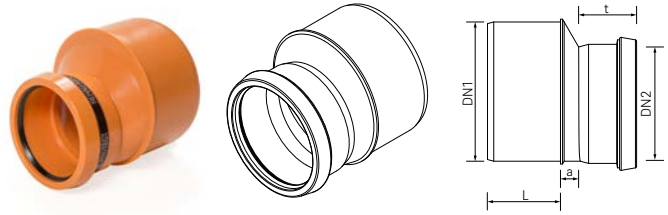
AWADUKT PP OIL PROTECT connecting reducer

Type:
KGR

Components:
with oil/petrol resistant seal

Material:
Polypropylene (PP 2300)

Colour:
Orange



Mat.-no.	Description	DN/OD	DN/OD	Length L	a	t	Weight	PG
		DN1	DN2		mm	mm		
160								
12786961001* ¹	DN 160/110	160	110	86	34	55	561 g/pc	1
200								
12787061001* ¹	DN 200/160	200	160	105	41	68	899.5 g/pc	1
250								
12787161001* ¹	DN 250/200	250	200	143	52	77	1.727 kg/pc	1
315								
12787261001* ¹	DN 315/250	315	250	150	59	83	3.019 kg/pc	1
400								
12010711001* ¹	DN 400/315	400	315	223	10	144	4.924 kg/pc	1
500								
12010611001* ¹	DN 500/400	500	400	263	14	174	9.855 kg/pc	1

*¹ delivery time on request

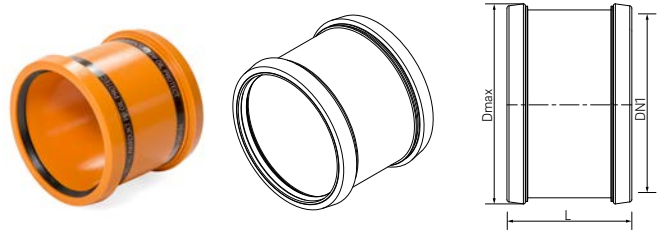
AWADUKT PP OIL PROTECT sleeve coupler

Type:
KGU

Components:
with oil/petrol resistant seals

Material:
Polypropylene (PP 2300)

Colour:
Orange, with black markings



Mat.-no.	Description	DN/OD	Length L mm	D _{max} mm	Weight	PG pc
110						
12787361001* ¹	DN 110	110	128	135	352 g/pc	1
160						
13787461001* ¹	DN 160	160	158	187	592 g/pc	1
200						
13787561001* ¹	DN 200	200	184	232	992.4 g/pc	1
250						
13787661001* ¹	DN 250	250	225	293	2.114 kg/pc	1
315						
13787761001* ¹	DN 315	315	261	363	3.571 kg/pc	1
400						
13787861001* ¹	DN 400	400	327	461	7.004 kg/pc	1
500						
14078791001* ¹	DN 500	500	389	567	10.489 kg/pc	1
630						
13336571001* ¹	DN 630	630	441	709	15.7 kg/pc	1

*¹ delivery time on request

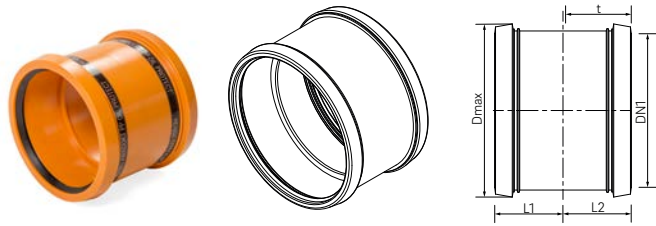
AWADUKT PP OIL PROTECT double socket

Type:
KGMM

Components:
with oil/petrol resistant seals

Material:
Polypropylene (PP 2300)

Colour:
Orange



Mat.-no.	Description	DN/OD	t mm	D _{max} mm	Length L1 mm	Length L2 mm	Weight	PG pc
110								
12787861003* ¹	DN 110	110	62	135	64	64	338 g/pc	1
160								
13788461001* ¹	DN 160	160	77	187	79	79	602.13 g/pc	1
200								
13788561001* ¹	DN 200	200	90	232	92	92	1.002 kg/pc	1
250								
13788661001* ¹	DN 250	250	109	293	112	112	2.159 kg/pc	1
315								
13788761001* ¹	DN 315	315	127	363	131	131	3.641 kg/pc	1
400								
13788861001* ¹	DN 400	400	159	461	164	164	7.149 kg/pc	1
500								
13161241001* ¹	DN 500	500	189	567	195	195	10.784 kg/pc	1
630								
13335231001* ¹	DN 630	630	215	709	221	221	16.328 kg/pc	1

*¹ delivery time on request



05 AWADUKT PP SN10/HPP SN16 FUSION
Welded sewer pipe system for industrial waste water

05.01 Sewer pipe**AWADUKT HPP SN16 FUSION sewer pipe**

Properties:

plain-ended according to DIN EN 1852

Type:

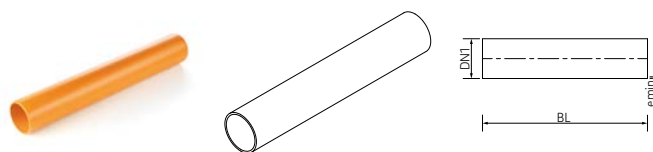
KGGL

Material:

Polypropylene (PP 2300)

Colour:

Orange



Mat.-no.	Description	DN/OD	Construction length BL mm	e_{min} ^{*1} mm	Weight kg/m	PG pc
160						
11723471001 ^{*2}	DN 160, 6 m	160	6000	7.3	3.367	35
200						
11723671001 ^{*2}	DN 200, 6 m	200	6000	9.1	5.283	20
250						
11723771001 ^{*2}	DN 250, 6 m	250	6000	11.4	8.192	12
315						
11726471001 ^{*2}	DN 315, 6 m	315	6000	14.4	12.87	6
400						
11723571001 ^{*2}	DN 400, 6 m	400	6000	18.2	20.696	6
500						
11913841001 ^{*2}	DN 500, 6 m	500	6000	22.8	32.101	4
630						
11913871001 ^{*2}	DN 630, 6 m	630	6000	28.7	50.775	2

*1 Minimum wall thickness

*2 delivery time on request

AWADUKT PP SN10 FUSION sewer pipe

Properties:

plain-ended according to DIN EN 1852

Type:

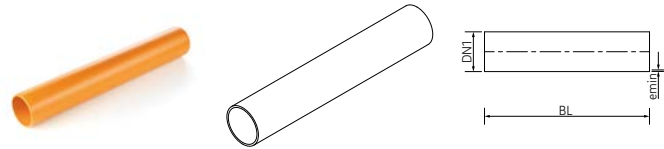
KGGL

Material:

Polypropylene (PP 2300)

Colour:

Orange



Mat.-no.	Description	DN/OD	Construction length BL mm	e_{min}^{*1} mm	Weight kg/m	PG pc
110						
11707681004	DN 110, 6 m	110	6000	4.2	1.386	80
160						
11707881004	DN 160, 6 m	160	6000	6.2	2.889	35
200						
11707981004	DN 200, 6 m	200	6000	7.7	4.497	20
250						
11708081004	DN 250, 6 m	250	6000	9.6	7.004	12
315						
11726481004	DN 315, 6 m	315	6000	12.1	11.007	6
400						
11708281004	DN 400, 6 m	400	6000	15.3	17.709	6
500						
11726491001* ²	DN 500, 6 m	500	6000	19.1	25.931	4
630						
11726511001* ²	DN 630, 6 m	630	6000	24.1	41.251	2

*¹ Minimum wall thickness*² delivery time on request

AWADUKT PP SN10 FUSION sewer pipe with chamfering

Properties:

plain-ended according to DIN EN 1852

Type:

KGGL

Material:

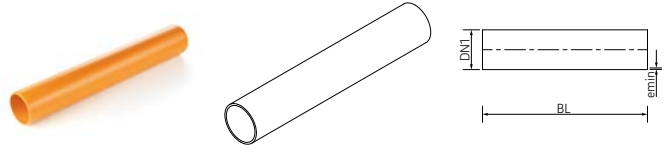
Polypropylene (PP 2300)

Colour:

Orange

Note:

order the associated double socket separately if required



Mat.-no.	Description	DN/OD	Construction length BL mm	e_{min}^{*1} mm	Weight kg/pc	PG pc
710						
11803541001 ^{*2}	pipe without socket DN 710, 6 m	710	6000	27.2	353.4	1
800						
12096791106 ^{*2}	pipe without socket DN 800, 6 m	800	6000	30.6	495	1

*1 Minimum wall thickness

*2 delivery time on request

05.02 Fittings**AWADUKT PP deburrer**

Application:

for deburring AWADUKT PP pipes with 3 blades



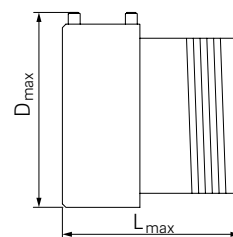
Mat.-no.	Description	Weight g/pc	PG pc
11067581001	deburring tool	53	50

AWADUKT PP welding adapter

Application:
for making a welded joint between socket and spigot end

Material:
Polypropylene (PP 2300)

Colour:
Orange

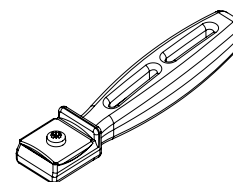


Mat.-no.	Description	DN/OD	D _{max} mm	Length L mm	Weight g/pc	PG pc
110						
13288751001	DN 110	110	131	157	669	1
160						
13288761001	DN 160	160	180	194	1170	1
200						
13288771001	DN 200	200	225	207	1330	1

AWADUKT PP pipe scraper

Application:
for the removal of the oxide layer

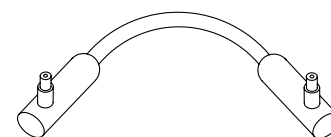
Colour:
Orange



Mat.-no.	Description	Weight kg/pc	PG pc
14266421001	for welding adapter	0.5	1

AWADUKT PP jumper cable

Colour:
Black



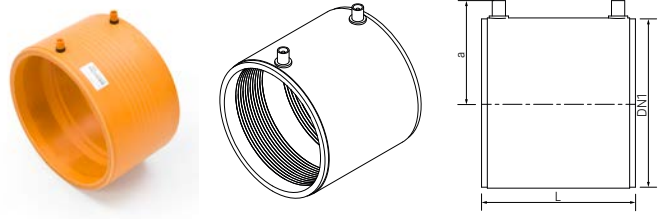
Mat.-no.	Description	Weight kg/pc	PG pc
10013181001	jumper cable	1	1

AWADUKT PP electrofusion coupler

Type:
ESM

Material:
Polypropylene (PP 2300)

Colour:
Orange



Mat.-no.	Description	DN/OD	Length L mm	a mm	Weight	PG pc
110						
12049011001	DN 110	110	106	82	370 g/pc	1
160						
12049111001	DN 160	160	160	107	666 g/pc	1
200						
12049211001	DN 200	200	165	129	840 g/pc	1
250						
12049311001	DN 250	250	165	157	1.622 kg/pc	1
315						
12049411001	DN 315	315	165	192	2.542 kg/pc	1
400						
12096561001* ¹	DN 400	400	220	241	11 kg/pc	1
500						
12096571001* ¹	DN 500	500	220	293	13 kg/pc	1
630						
12096581001* ¹	DN 630	630	330	368	15 kg/pc	1
710						
10012771001* ¹	DN 710	710	380	395	33.6 kg/pc	1
800						
10012921001* ¹	DN 800	800	220	445	37 kg/pc	1

*¹ delivery time on request

AWADUKT PP weld-on saddle

Material:
Polypropylene (PP 2300)

Colour:
Orange

Note:
clamping and tapping tool required for assembly



Mat.-no.	Description	Weight	PG
			pc
14130621001*1	DN 200/160	1.1 kg/pc	1
14130821001*1	DN 250/160	1550 g/pc	1
14131021001*1	DN 315/160	1400 g/pc	1
14131221001*1	DN 400/160	1300 g/pc	1
14092121001*1	DN 500/160	1.1 kg/pc	1

*1 delivery time on request

Clamping tool

Application:
for AWADUKT PP weld-on saddle

Material:
Stainless steel

Colour:
Silver



Mat.-no.	Description	Weight	PG
		kg/pc	pc
12099411001*1	for weld-on saddle DN 200/160	1	1
12143531001*1	for weld-on saddle DN 250/160	1.2	1
12143551001*1	for weld-on saddle DN 315/160	1.6	1
12143561001*1	for weld-on saddle DN 400/160	1.9	1
11045241001*1	for weld-on saddle DN 500/160	2	1

*1 delivery time on request

64

Tapping tool

Application:
for AWADUKT PP weld-on saddle

Material:
Stainless steel/plastic

Colour:
Silver



Mat.-no.	Description	Weight kg/pc	PG pc
14054691001*1	tool for weld-on saddle	10	1

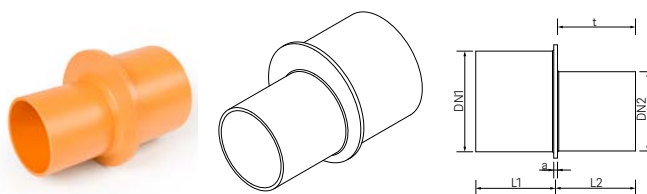
*1 delivery time on request

AWADUKT HPP SN16 FUSION connecting reducer

Properties:
plain-ended

Material:
Polypropylene (PP 2300)

Colour:
Orange



Mat.-no.	Description	DN/OD DN1	DN/OD DN2	a mm	t mm	Length L1 mm	Length L2 mm	Weight kg/pc	PG pc
200									
15135111001*1	DN 200/160	200	160	15	160	168	168	1.572	1
250									
15135211001*1	DN 250/200	250	200	15	160	268	168	3.287	1
315									
15135311001*1	DN 315/250	315	250	15	260	318	268	6.661	1
400									
15135411001*1	DN 400/315	400	315	15	310	318	318	11.259	1
500									
15135511001*1	DN 500/400	500	400	15	310	368	318	19.356	1
630									
15135611001*1	DN 630/500	630	500	15	360	368	368	31.783	1

*1 delivery time on request

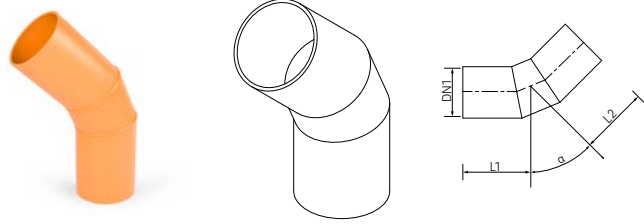
AWADUKT PP SN16 FUSION elbow

Properties:
plain-ended

Type:
KGB

Material:
Polypropylene (PP 2300)

Colour:
Orange



Mat.-no.	Description	DN/OD	α °	Length L1 mm	Length L2 mm	Weight kg/pc	PG pc
160							
15135711001*1	DN 160, 15 degree	160	15	215	215	1.63	1
15135811001*1	DN 160, 30 degree	160	30	215	215	1.303	1
15135911001*1	DN 160, 45 degree	160	45	250	250	2.196	1
15136011001*1	DN 160, 88 degree	160	88	387	387	2.88	1
200							
15136111001*1	DN 200, 15 degree	200	15	230	230	2.744	1
15136211001*1	DN 200, 30 degree	200	30	230	230	2.744	1
15136311001*1	DN 200, 45 degree	200	45	275	275	3.416	1
15136411001*1	DN 200, 88 degree	200	88	446	446	4.872	1
250							
15136511001*1	DN 250, 15 degree	250	15	350	350	5.261	1
15136611001*1	DN 250, 30 degree	250	30	350	350	6.192	1
15136711001*1	DN 250, 45 degree	250	45	410	410	7.482	1
15136811001*1	DN 250, 88 degree	250	88	620	620	10.492	1
315							
15136911001*1	DN 315, 15 degree	315	15	430	430	12.015	1
15137011001*1	DN 315, 30 degree	315	30	430	430	12.015	1
15137111001*1	DN 315, 45 degree	315	45	500	500	14.85	1
15137211001*1	DN 315, 88 degree	315	88	770	770	19.71	1
400							
15137311001*1	DN 400, 15 degree	400	15	465	465	20.52	1
15137411001*1	DN 400, 30 degree	400	30	465	465	20.52	1
15137511001*1	DN 400, 45 degree	400	45	550	550	24.933	1
15137611001*1	DN 400, 88 degree	400	88	893	893	34.992	1
500							
15137711001*1	DN 500, 15 degree	500	15	555	555	37.353	1
15137811001*1	DN 500, 30 degree	500	30	555	555	37.353	1
15137911001*1	DN 500, 45 degree	500	45	660	660	45.225	1
15138011001*1	DN 500, 88 degree	500	88	1092	1092	67	1

*1 delivery time on request

Mat.-no.	Description	DN/OD	α °	Length L1 mm	Length L2 mm	Weight kg/pc	PG pc
630							
15138111001* ¹	DN 630, 15 degree	630	15	605	605	64.206	1
15138211001* ¹	DN 630, 30 degree	630	30	605	605	64.206	1
15138311001* ¹	DN 630, 45 degree	630	45	741	741	86.13	1
15138411001* ¹	DN 630, 88 degree	630	88	1284	1284	120.06	1

*¹ delivery time on request

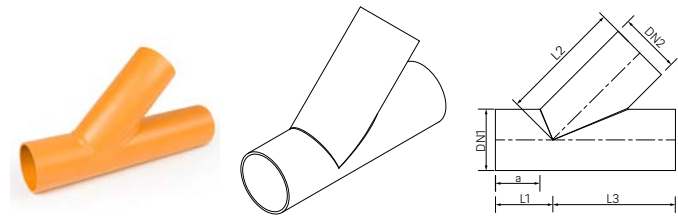
AWADUKT PP SN16 FUSION single branch 45°

Properties:
plain-ended

Type:
KGEA

Material:
Polypropylene (PP 2300)

Colour:
Orange



Mat.-no.	Description	DN/OD	DN/OD	a	Length L1	Length L2	Length L3	Weight	PG
		DN1	DN2						
160									
15138511001*1	DN 160/160, 45 degree	160	160	165	198	393	402	3.636	1
200									
15138611001*1	DN 200/160, 45 degree	200	160	165	178	421	422	4.954	1
15138711001*1	DN 200/200, 45 degree	200	200	165	206	441	444	6.328	1
250									
15138811001*1	DN 250/160, 45 degree	250	160	265	253	457	547	8.489	1
15138911001*1	DN 250/200, 45 degree	250	200	265	281	477	569	10.013	1
15139011001*1	DN 250/250, 45 degree	250	250	265	317	602	613	13.416	1
315									
15139111001*1	DN 315/160, 45 degree	315	160	315	271	503	629	13.784	1
15139211001*1	DN 315/200, 45 degree	315	200	315	299	523	651	16.093	1
15139311001*1	DN 315/250, 45 degree	315	250	315	334	648	686	17.033	1
15139411001*1	DN 315/315, 45 degree	315	315	315	380	735	730	25.11	1
400									
15139511001*1	DN 400/160, 45 degree	400	160	315	228	563	672	21.114	1
15139611001*1	DN 400/200, 45 degree	400	200	315	256	583	694	23.288	1
15139711001*1	DN 400/250, 45 degree	400	250	315	292	708	728	27.515	1
15139811001*1	DN 400/315, 45 degree	400	315	315	338	795	772	34.142	1
15139911001*1	DN 400/400, 45 degree	400	400	315	398	833	842	45.36	1
500									
15140011001*1	DN 500/160, 45 degree	500	160	365	228	634	772	36.909	1
15140111001*1	DN 500/200, 45 degree	500	200	365	256	654	794	38.003	1
15140211001*1	DN 500/250, 45 degree	500	250	365	292	779	828	43.063	1
15140311001*1	DN 500/315, 45 degree	500	315	365	338	866	872	50.76	1
15140411001*1	DN 500/400, 45 degree	500	400	365	398	904	932	63.191	1
15140511001*1	DN 500/500, 45 degree	500	500	365	469	1004	1001	83.08	1
630									
15140611001*1	DN 630/160, 45 degree	630	160	365	163	725	837	54.027	1
15140711001*1	DN 630/200, 45 degree	630	200	365	191	745	859	57.731	1
15140811001*1	DN 630/250, 45 degree	630	250	365	227	870	893	64.1	1
15140911001*1	DN 630/315, 45 degree	630	315	365	273	958	937	73.481	1

*1 delivery time on request

Mat.-no.	Description	DN/OD	DN/OD	a	Length L1	Length L2	Length L3	Weight	PG
		DN1	DN2	mm	mm	mm	mm	kg/pc	pc
15141011001* ¹	DN 630/400, 45 degree	630	400	365	333	995	997	88.155	1
15141111001* ¹	DN 630/500, 45 degree	630	500	365	404	1095	1066	110.66	1
15141211001* ¹	DN 630/630, 45 degree	630	630	365	495	1160	1165	146.16	1

*¹ delivery time on request

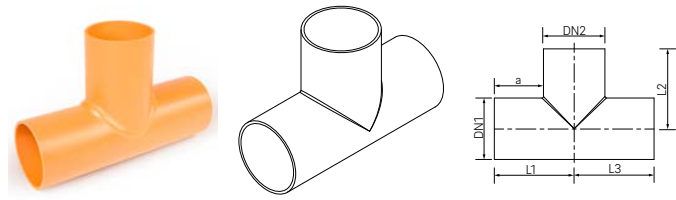
AWADUKT PP SN16 FUSION single branch 90°

Properties:
plain-ended

Type:
KGEA

Material:
Polypropylene (PP 2300)

Colour:
Orange



Mat.-no.	Description	DN/OD		a mm	Length L1 mm	Length L2 mm	Length L3 mm	Weight kg/pc	PG pc
		DN1	DN2						
160									
15141311001* ¹	DN 160/160, 90 degree	160	160	160	240	240	240	2.555	1
200									
15141411001* ¹	DN 200/160, 90 degree	200	160	160	240	260	240	3.478	1
15141511001* ¹	DN 200/200, 90 degree	200	200	160	260	260	260	4.355	1
250									
15141611001* ¹	DN 250/160, 90 degree	250	160	260	340	285	340	8.859	1
15141711001* ¹	DN 250/200, 90 degree	250	200	260	360	285	360	7.406	1
15141811001* ¹	DN 250/250, 90 degree	250	250	260	385	385	385	8.081	1
315									
15141911001* ¹	DN 315/160, 90 degree	315	160	310	390	318	390	10.947	1
15142011001* ¹	DN 315/200, 90 degree	315	200	310	410	318	410	12.398	1
15142111001* ¹	DN 315/250, 90 degree	315	250	310	435	418	435	11.951	1
15142211001* ¹	DN 315/315, 90 degree	315	315	313	470	418	470	19.44	1
400									
15142311001* ¹	DN 400/160, 90 degree	400	160	310	390	360	390	17.694	1
15142411001* ¹	DN 400/200, 90 degree	400	200	310	410	360	410	19.024	1
15142511001* ¹	DN 400/250, 90 degree	400	250	310	435	460	435	21.695	1
15142611001* ¹	DN 400/315, 90 degree	400	315	313	470	460	470	26.015	1
15142711001* ¹	DN 400/400, 90 degree	400	400	310	510	510	510	33.696	1
500									
15142811001* ¹	DN 500/160, 90 degree	500	160	360	440	410	440	30.386	1
15142911001* ¹	DN 500/200, 90 degree	500	200	360	460	410	460	32.136	1
15143011001* ¹	DN 500/250, 90 degree	500	250	360	485	510	485	35.415	1
15143111001* ¹	DN 500/315, 90 degree	500	315	363	520	510	520	40.34	1
15143211001* ¹	DN 500/400, 90 degree	500	400	360	560	560	560	47.3	1
15143311001* ¹	DN 500/500, 90 degree	500	500	360	610	610	610	62.31	1
630									
15143411001* ¹	DN 630/160, 90 degree	630	160	360	440	475	440	46.935	1
15143511001* ¹	DN 630/200, 90 degree	630	200	360	460	475	460	49.433	1
15143611001* ¹	DN 630/250, 90 degree	630	250	360	485	575	485	53.69	1
15143711001* ¹	DN 630/315, 90 degree	630	315	363	520	625	520	59.882	1

*¹ delivery time on request

Mat.-no.	Description	DN/OD	DN/OD	a	Length L1	Length L2	Length L3	Weight	PG
		DN1	DN2						
15143811001*1	DN 630/400, 90 degree	630	400	360	560	625	560	68.337	1
15143911001*1	DN 630/500, 90 degree	630	500	360	610	675	610	85.553	1
15144011001*1	DN 630/630, 90 degree	630	630	360	675	675	675	106.75	1

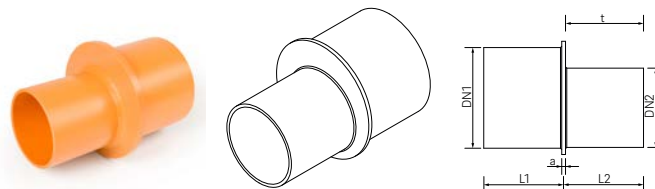
*1 delivery time on request

AWADUKT PP SN10 FUSION connecting reducer

Properties:
plain-ended

Material:
Polypropylene (PP 2300)

Colour:
Orange



Mat.-no.	Description	DN/OD	DN/OD	a	t	Length L1	Length L2	Weight	PG
		DN1	DN2						
160									
14135011001*1	DN 160/110	160	110	15	160	168	168	1.361	1
200									
14135111001*1	DN 200/160	200	160	15	160	168	168	1.488	1
250									
14135211001*1	DN 250/200	250	200	15	160	268	168	2.583	1
315									
14135311001*1	DN 315/250	315	250	15	260	318	268	5.33	1
400									
14135411001*1	DN 400/315	400	315	15	310	318	318	9.081	1
500									
14135511001*1	DN 500/400	500	400	15	310	368	318	16.615	1
630									
14168711001*1	DN 630/500	630	500	15	360	368	368	15.84	1

*1 delivery time on request

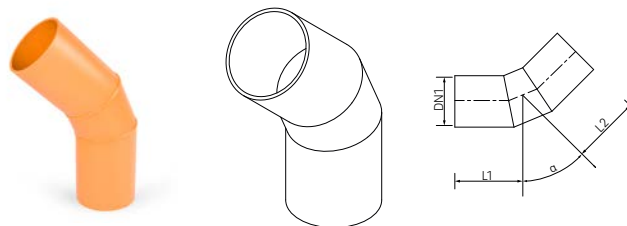
AWADUKT PP SN10 FUSION elbow

Properties:
plain-ended

Type:
KGB

Material:
Polypropylene (PP 2300)

Colour:
Orange



Mat.-no.	Description	DN/OD	α °	Length L1 mm	Length L2 mm	Weight	PG pc
110							
14127611001	DN 110, 15 degree	110	15	195	195	694.7 g/pc	1
14127711001	DN 110, 30 degree	110	30	195	195	694.7 g/pc	1
14127811001	DN 110, 45 degree	110	45	220	220	833.7 g/pc	1
14127911001*1	DN 110, 88 degree	110	88	313	313	1.667 kg/pc	1
160							
14128011001*1	DN 160, 15 degree	160	15	215	215	1.303 kg/pc	1
14128111001*1	DN 160, 30 degree	160	30	215	215	1.303 kg/pc	1
14128211001*1	DN 160, 45 degree	160	45	250	250	1.883 kg/pc	1
14128311001*1	DN 160, 88 degree	160	88	387	387	2.172 kg/pc	1
200							
14128411001*1	DN 200, 15 degree	200	15	230	230	2.252 kg/pc	1
14128511001*1	DN 200, 30 degree	200	30	230	230	2.252 kg/pc	1
14128611001*1	DN 200, 45 degree	200	45	275	275	3.379 kg/pc	1
14128711001*1	DN 200, 88 degree	200	88	446	446	3.829 kg/pc	1
250							
14128811001*1	DN 250, 15 degree	250	15	350	350	5.261 kg/pc	1
14128911001*1	DN 250, 30 degree	250	30	350	350	5.261 kg/pc	1
14129011001*1	DN 250, 45 degree	250	45	410	410	7.366 kg/pc	1
14129111001*1	DN 250, 88 degree	250	88	620	620	8.418 kg/pc	1
315							
14129211001*1	DN 315, 15 degree	315	15	430	430	9.918 kg/pc	1
14129311001*1	DN 315, 30 degree	315	30	430	430	7.714 kg/pc	1
14129411001*1	DN 315, 45 degree	315	45	500	500	13.775 kg/pc	1
14129511001*1	DN 315, 88 degree	315	88	770	770	16.53 kg/pc	1
400							
14129611001*1	DN 400, 15 degree	400	15	465	465	16.919 kg/pc	1
14129711001*1	DN 400, 30 degree	400	30	465	465	14.247 kg/pc	1
14129811001*1	DN 400, 45 degree	400	45	550	550	24.933 kg/pc	1
14129911001*1	DN 400, 88 degree	400	88	893	893	31.166 kg/pc	1

*1 delivery time on request

Mat.-no.	Description	DN/OD	α °	Length L1 mm	Length L2 mm	Weight	PG pc
500							
14130011001* ¹	DN 500, 15 degree	500	15	555	555	39.304 kg/pc	1
14130111001* ¹	DN 500, 30 degree	500	30	555	555	39.304 kg/pc	1
14130211001* ¹	DN 500, 45 degree	500	45	660	660	43.759 kg/pc	1
14130311001* ¹	DN 500, 88 degree	500	88	1092	1092	62.887 kg/pc	1
630							
14166811001* ¹	DN 630, 15 degree	630	15	605	605	66 kg/pc	1
14166911001* ¹	DN 630, 30 degree	630	30	605	605	66 kg/pc	1
14167011001* ¹	DN 630, 45 degree	630	45	741	741	66 kg/pc	1
14167111001* ¹	DN 630, 88 degree	630	88	1284	1284	118.8 kg/pc	1

*¹ delivery time on request

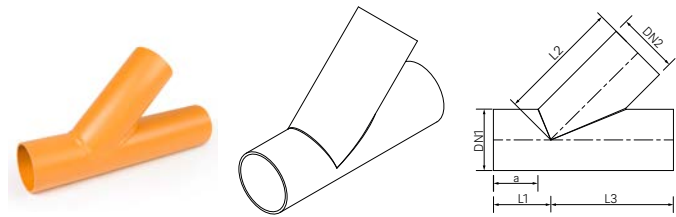
AWADUKT PP SN10 FUSION single branch 45°

Properties:
plain-ended

Type:
KGEA

Material:
Polypropylene (PP 2300)

Colour:
Orange



Mat.-no.	Description	DN/OD	DN/OD	a	Length L1	Length L2	Length L3	Weight	PG
		DN1	DN2						
110									
14130411001* ¹	DN 110/110, 45 degree	110	110	160	188	333	342	1.25	1
160									
14130511001* ¹	DN 160/110, 45 degree	160	110	165	163	368	367	2.149	1
14130611001* ¹	DN 160/160, 45 degree	160	160	165	198	393	402	3.186	1
200									
14130711001* ¹	DN 200/160, 45 degree	200	160	165	178	421	422	4.232	1
14130811001* ¹	DN 200/200, 45 degree	200	200	165	206	441	444	5.406	1
250									
14130911001* ¹	DN 250/160, 45 degree	250	160	265	253	457	547	7.411	1
14131011001* ¹	DN 250/200, 45 degree	250	200	265	281	477	569	9.942	1
14131111001* ¹	DN 250/250, 45 degree	250	250	265	317	602	613	11.575	1
315									
14131211001* ¹	DN 315/160, 45 degree	315	160	315	271	503	629	12.063	1
14131311001* ¹	DN 315/200, 45 degree	315	200	315	299	523	651	13.498	1
14131411001* ¹	DN 315/250, 45 degree	315	250	315	334	648	686	17.033	1
14131511001* ¹	DN 315/315, 45 degree	315	315	315	380	735	730	20.939	1
400									
14131611001* ¹	DN 400/160, 45 degree	400	160	315	228	563	672	19.547	1
14131711001* ¹	DN 400/200, 45 degree	400	200	315	256	583	694	20.512	1
14131811001* ¹	DN 400/250, 45 degree	400	250	315	292	708	728	24.851	1
14131911001* ¹	DN 400/315, 45 degree	400	315	315	338	795	772	30.738	1
14132011001* ¹	DN 400/400, 45 degree	400	400	315	398	833	842	38.29	1
500									
14132111001* ¹	DN 500/160, 45 degree	500	160	365	228	634	772	33.471	1
14132211001* ¹	DN 500/200, 45 degree	500	200	365	256	654	794	34.597	1
14132311001* ¹	DN 500/250, 45 degree	500	250	365	292	779	828	37.056	1
14132411001* ¹	DN 500/315, 45 degree	500	315	365	338	866	872	41.886	1
14132511001* ¹	DN 500/400, 45 degree	500	400	365	398	904	932	56.223	1
14132611001* ¹	DN 500/500, 45 degree	500	500	365	469	1004	1001	65.507	1

*¹ delivery time on request

Mat.-no.	Description	DN/OD		a	Length L1	Length L2	Length L3	Weight	PG
		DN1	DN2						
630									
14167211001* ¹	DN 630/160, 45 degree	630	160	365	163	725	837	74.721	1
14167311001* ¹	DN 630/200, 45 degree	630	200	365	191	745	859	73.191	1
14167411001* ¹	DN 630/250, 45 degree	630	250	365	227	870	893	75.749	1
14167511001* ¹	DN 630/315, 45 degree	630	315	365	273	958	937	93.055	1
14167611001* ¹	DN 630/400, 45 degree	630	400	365	333	995	997	101.497	1
14167711001* ¹	DN 630/500, 45 degree	630	500	365	404	1095	1066	96.888	1
14167811001* ¹	DN 630/630, 45 degree	630	630	365	495	1160	1165	150.48	1

*¹ delivery time on request

AWADUKT PP SN10 FUSION single branch 90°

Properties:

- plain-ended
- length of welding ends according to DIN 16962-1

Type:

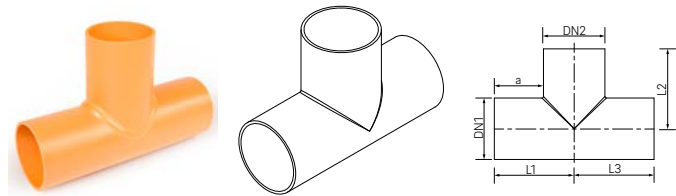
KGEA

Material:

Polypropylene (PP 2300)

Colour:

Orange



Mat.-no.	Description	DN/OD	DN/OD	a	Length L1	Length L2	Length L3	Weight	PG
		DN1	DN2						
110									
14132711001*1	DN 110/110, 90 degree	110	110	160	215	215	215	833.7 g/pc	1
160									
14132811001*1	DN 160/110, 90 degree	160	110	160	215	240	215	1.651 kg/pc	1
14132911001*1	DN 160/160, 90 degree	160	160	160	240	240	240	2.201 kg/pc	1
200									
14133011001*1	DN 200/160, 90 degree	200	160	160	240	260	240	2.843 kg/pc	1
14133111001*1	DN 200/200, 90 degree	200	200	160	260	260	260	3.488 kg/pc	1
250									
14133211001*1	DN 250/160, 90 degree	250	160	260	340	285	340	6.13 kg/pc	1
14133311001*1	DN 250/200, 90 degree	250	200	260	360	285	360	6.964 kg/pc	1
14133411001*1	DN 250/250, 90 degree	250	250	260	385	385	385	6.757 kg/pc	1
315									
14133511001*1	DN 315/160, 90 degree	315	160	310	390	318	390	9.83 kg/pc	1
14133611001*1	DN 315/200, 90 degree	315	200	310	410	318	410	11.495 kg/pc	1
14133711001*1	DN 315/250, 90 degree	315	250	310	435	418	435	13.977 kg/pc	1
14133811001*1	DN 315/315, 90 degree	315	315	313	470	418	470	16.53 kg/pc	1
400									
14133911001*1	DN 400/160, 90 degree	400	160	310	390	360	390	16.296 kg/pc	1
14134011001*1	DN 400/200, 90 degree	400	200	310	410	360	410	16.94 kg/pc	1
14134111001*1	DN 400/250, 90 degree	400	250	310	435	460	435	19.536 kg/pc	1
14134211001*1	DN 400/315, 90 degree	400	315	313	470	460	470	24.421 kg/pc	1
14134311001*1	DN 400/400, 90 degree	400	400	310	510	510	510	28.495 kg/pc	1
500									
14134411001*1	DN 500/160, 90 degree	500	160	360	440	410	440	32.747 kg/pc	1
14134511001*1	DN 500/200, 90 degree	500	200	360	460	410	460	33.471 kg/pc	1
14134611001*1	DN 500/250, 90 degree	500	250	360	485	510	485	35.302 kg/pc	1
14134711001*1	DN 500/315, 90 degree	500	315	363	520	510	520	38.056 kg/pc	1
14134811001*1	DN 500/400, 90 degree	500	400	360	560	560	560	43.91 kg/pc	1
14134911001*1	DN 500/500, 90 degree	500	500	360	610	610	610	48.475 kg/pc	1

*1 delivery time on request

Mat.-no.	Description	DN/OD	DN/OD	a	Length L1	Length L2	Length L3	Weight	PG
		DN1	DN2	mm	mm	mm	mm		
630									
14167911001* ¹	DN 630/160, 90 degree	630	160	360	440	475	440	40.976 kg/pc	1
14168011001* ¹	DN 630/200, 90 degree	630	200	360	460	475	460	43.324 kg/pc	1
14168111001* ¹	DN 630/250, 90 degree	630	250	360	485	575	485	47.593 kg/pc	1
14168311001* ¹	DN 630/315, 90 degree	630	315	363	520	625	520	53.351 kg/pc	1
14168411001* ¹	DN 630/400, 90 degree	630	400	360	560	625	560	61.29 kg/pc	1
14168511001* ¹	DN 630/500, 90 degree	630	500	360	610	675	610	61.344 kg/pc	1
14168611001* ¹	DN 630/630, 90 degree	630	630	360	675	675	675	89.76 kg/pc	1

*¹ delivery time on request



06 AWADUKT PP SN4

Sewer pipe system for property drainage

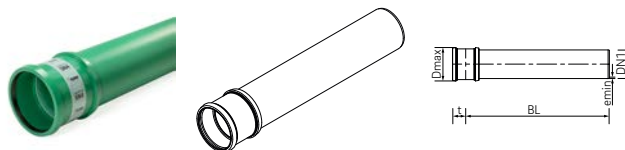
06.01 Sewer pipe**AWADUKT PP SN4 sewer pipe**

Type:
KGEM

Components:
with double socket coupler and EPDM sealing rings to
DIN EN 1852

Material:
Polypropylene (PP 2300)

Colour:
Green



Mat.-no.	Description	DN/OD	Construction length BL	D _{max}	t	e _{min} ^{*1}	Weight	PG
110								
11700111050	pipe with double socket DN 110, 1 m	110	1000	127	16	3.5	1.265	80
11702111050	pipe with double socket DN 110, 2 m	110	2000	127	16	3.5	2.343	80
11716111050	pipe with double socket DN 110, 6 m	110	6000	127	16	3.5	6.655	80
125								
11700511050	pipe with double socket DN 125, 1 m	125	1000	145	18	4	1.681	63
11702311050	pipe with double socket DN 125, 2 m	125	2000	145	18	4	3.086	63
11716211050	pipe with double socket DN 125, 6 m	125	6000	145	18	4	8.706	63
160								
11700911050	pipe with double socket DN 160, 1 m	160	1000	188	21	5	2.741	35
11702511050	pipe with double socket DN 160, 2 m	160	2000	188	21	5	4.97	35
11716311050	pipe with double socket DN 160, 6 m	160	6000	188	21	5	13.886	35
200								
11703711001	pipe with double socket DN 200, 1 m	200	1000	233	25	6.3	4.404	20
11703811001	pipe with double socket DN 200, 2 m	200	2000	233	25	6.3	7.915	20
11716411001	pipe with double socket DN 200, 6 m	200	6000	233	25	6.3	21.959	20
250								
11703421002	pipe with double socket DN 250, 6 m	250	6000	296	34	7.8	35.19	12
315								
11072151002	pipe with double socket DN 315, 6 m	315	6000	366	49	9.8	55.974	6
400								
11026561001	pipe with double socket DN 400, 6 m	400	6000	462	55	12.4	90.014	6

*1 Minimum wall thickness

06.02 Fittings

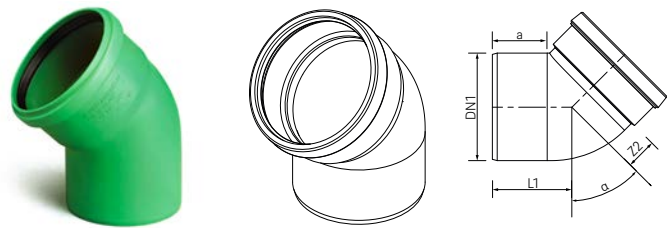
AWADUKT elbow

Type:
KGB

Components:
with lip sealing ring, according DIN EN 1852

Material:
Polypropylene (PP 2300)

Colour:
Green



Mat.-no.	Description	DN/OD	a mm	α °	Z2 mm	Length L1 mm	Weight	PG pc
110								
11008831001	DN 110, 15 degree	110	55	15	22	71	194 g/pc	315
11008841001	DN 110, 30 degree	110	55	30	29	79	208 g/pc	280
11008861001	DN 110, 45 degree	110	55	45	37	88	230 g/pc	250
11008851001	DN 110, 87 degree	110	55	88	71	121	284 g/pc	180
125								
11008871001	DN 125, 15 degree	125	62	15	25	78	286 g/pc	240
11008881001	DN 125, 30 degree	125	62	30	33	87	311 g/pc	190
11008891001	DN 125, 45 degree	125	62	45	42	97	335 g/pc	175
11008911001	DN 125, 87 degree	125	62	88	80	133	413 g/pc	140
160								
11008921001	DN 160, 15 degree	160	72	15	30	95	510 g/pc	120
11008931001	DN 160, 30 degree	160	72	30	43	105	581 g/pc	100
11008941001	DN 160, 45 degree	160	72	45	55	118	636 g/pc	90
11008951001	DN 160, 87 degree	160	72	88	98	166	781 g/pc	65
200								
11008961001	DN 200, 15 degree	200	84	15	39	114	985 g/pc	60
11008971001	DN 200, 30 degree	200	84	30	53	134	1.089 kg/pc	60
11008981001	DN 200, 45 degree	200	84	45	67	147	1.183 kg/pc	48
11008991001	DN 200, 87 degree	200	84	88	120	203	1.451 kg/pc	35
250								
11726321052	DN 250, 15 degree	250	107	15	39	159	2.112 kg/pc	24
11726331052	DN 250, 30 degree	250	107	30	58	177	2.283 kg/pc	24
11726341052	DN 250, 45 degree	250	107	45	78	197	2.488 kg/pc	21
11726361052	DN 250, 88 degree	250	107	88	152	272	3.073 kg/pc	16
315								
11708331052	DN 315, 15 degree	315	123	15	50	173	3.56 kg/pc	14
11708431052	DN 315, 30 degree	315	123	30	73	197	3.94 kg/pc	12
11708531052	DN 315, 45 degree	315	123	45	98	222	4.37 kg/pc	11
11709631052	DN 315, 88 degree	315	123	88	192	316	5.57 kg/pc	8

Mat.-no.	Description	DN/OD	a mm	α °	Z2 mm	Length L1 mm	Weight	PG pc
400								
11708631050	DN 400, 15 degree	400	150	15	56	227	7.05 kg/pc	6
11708731050	DN 400, 30 degree	400	150	30	100	254	8.18 kg/pc	5
11708831050	DN 400, 45 degree	400	150	45	106	283	8.64 kg/pc	4
11709831050	DN 400, 88 degree	400	150	88	223	394	10.94 kg/pc	4

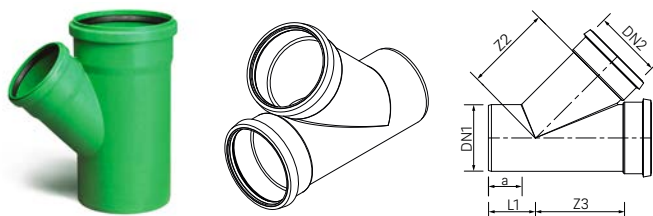
AWADUKT single branch 45°

Type:
KGEA

Components:
with lip sealing rings according to DIN EN 1852

Material:
Polypropylene (PP 2300)

Colour:
Green



Mat.-no.	Description	DN/OD DN1	DN/OD DN2	a mm	Z2 mm	Z3 mm	Length L1 mm	Weight	PG pc
110									
11009211001	DN 110/110, 45 degree	110	110	65	140	140	88	488 g/pc	112
125									
11009221001	DN 125/110, 45 degree	125	110	83	150	160	98	652 g/pc	80
11009231001	DN 125/125, 45 degree	125	125	73	160	160	98	721 g/pc	70
160									
11009241001	DN 160/110, 45 degree	160	110	121	174	203	121	1.079 kg/pc	51
11009681001	DN 160/125, 45 degree	160	125	112	183	203	121	1.152 kg/pc	50
11009251001	DN 160/160, 45 degree	160	160	87	203	203	121	1.355 kg/pc	36
200									
13244221050	DN 200/160, 45 degree	200	160	105	231	225	119	2.396 kg/pc	18
13244231050	DN 200/200, 45 degree	200	200	103	252	252	146	3.059 kg/pc	16
250									
13147561050	DN 250/160, 45 degree	250	160	157	272	276	147	4.029 kg/pc	12
11038661052	DN 250/200, 45 degree	250	200	130	290	276	147	3.952 kg/pc	12
11716931050	DN 250/250, 45 degree	250	250	165	462	463	217	7.6 kg/pc	4
315									
11037761052	DN 315/160, 45 degree	315	160	166	322	312	134	5.89 kg/pc	8
11037771052	DN 315/200, 45 degree	315	200	144	339	312	134	6.117 kg/pc	8
11726521001	DN 315/250, 45 degree	315	250	175	508	496	194	15.395 kg/pc	4
11726531001	DN 315/315, 45 degree	315	315	175	545	547	233	19.805 kg/pc	2
400									
11740531052	DN 400/160, 45 degree	400	160	222	405	354	137	10.38 kg/pc	5
11740631052	DN 400/200, 45 degree	400	200	194	405	354	137	10.73 kg/pc	4

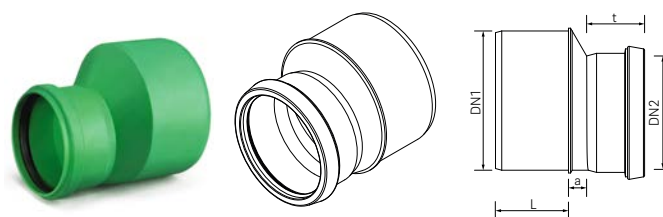
AWADUKT connecting reducer

Type:
KGR

Components:
with lip sealing ring, according DIN EN 1852

Material:
Polypropylene (PP 2300)

Colour:
Green



Mat.-no.	Description	DN/OD	DN/OD	Length L	a	t	Weight	PG
		DN1	DN2		mm	mm		
125								
11009021001	DN 125/110	125	110	62	27	55	230 g/pc	300
160								
11009031001	DN 160/110	160	110	79	40	55	367 g/pc	270
11009041001	DN 160/125	160	125	79	34	62	407 g/pc	240
200								
11009051001	DN 200/160	200	160	92	35	86	750 g/pc	130
250								
12478011050	DN 250/200	250	200	112	52	81	1.719 kg/pc	48
315								
12478111050	DN 315/250	315	250	131	59	84	3.008 kg/pc	24

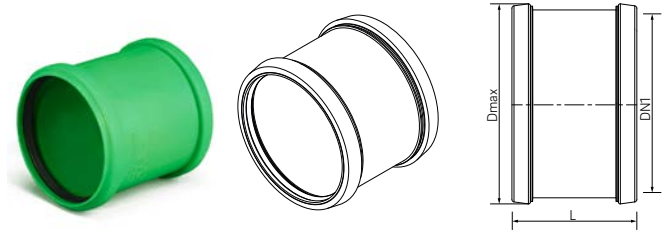
AWADUKT sleeve coupler

Type:
KGU

Components:
with lip sealing rings according to DIN EN 1852

Material:
Polypropylene (PP 2300)

Colour:
Green



Mat.-no.	Description	DN/OD	Length L mm	D _{max} mm	Weight	PG pc
110						
11009061001	DN 110	110	114	127	186.5 g/pc	315
125						
11009071001	DN 125	125	128	145	266 g/pc	240
160						
11043051050	DN 160	160	158	187	499.7 g/pc	120
200						
11043061050	DN 200	200	184	232	872.5 g/pc	60
250						
11043071050	DN 250	250	225	293	1.762 kg/pc	27
315						
11043081050	DN 315	315	261	363	3.047 kg/pc	18
400						
11053831050	DN 400	400	327	461	5.865 kg/pc	7

AWADUKT double socket

Type:
KGMM

Components:
with lip sealing rings according to DIN EN 1852

Material:
Polypropylene (PP 2300)

Colour:
Green



Mat.-no.	Description	DN/OD	t mm	D _{max} mm	Length L1 mm	Length L2 mm	Weight	PG pc
110								
11009121001	DN 110	110	55	127	57	57	186.5 g/pc	315
125								
11009131001	DN 125	125	62	145	64	64	276 g/pc	240
160								
11042941050	DN 160	160	79	187	79	79	512 g/pc	120
200								
11042951050	DN 200	200	92	232	92	92	892.5 g/pc	60
250								
11042961050	DN 250	250	112	293	112	112	1.794 kg/pc	27
315								
11042971050	DN 315	315	131	363	131	131	3.132 kg/pc	18
400								
11053731050	DN 400	400	164	461	164	164	6.038 kg/pc	7

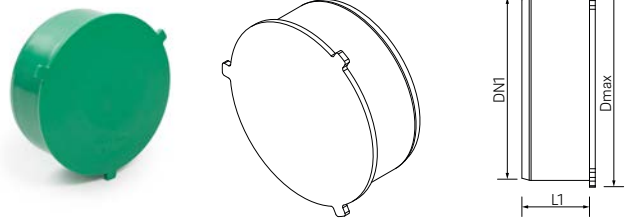
AWADUKT socket plug

Properties:
according to DIN EN 1852

Type:
KGM

Material:
Polypropylene (PP 2300)

Colour:
Green



Mat.-no.	Description	DN/OD	Length L mm	D _{max} mm	Weight g/pc	PG pc
110						
11009161001	DN 110	110	51	134	96	850
125						
11009171001	DN 125	125	53	154	134	670
160						
11009181001	DN 160	160	63	194	258	340
200						
11009191001	DN 200	200	74	239	486	182

AWADUKT PP socket plug, natural

Type:
KGM

Material:
Polypropylene (PP 2300)

Colour:
Nature



Mat.-no.	Description	DN/OD	Length L mm	D _{max} mm	Weight	PG pc
250						
11742601004	DN 250	250	89	290	500 g/pc	130
315						
11742701005	DN 315	315	89	362	630 g/pc	84
400						
11742801004	DN 400	400	92	454	1.1 kg/pc	50

Rubber sealing ring SBR

Application:

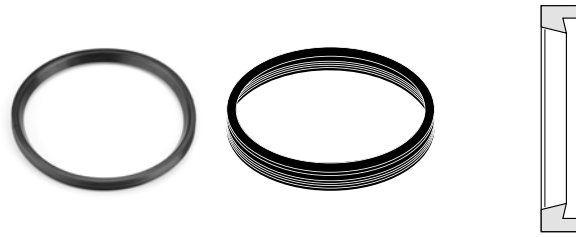
- for pipes and fittings
- standard sealing ring

Material:

Styrene butadiene rubber (SBR)

Colour:

Black



Mat.-no.	Description	Weight	PG	PG
		g/pc	pc	pc
11280331002	DN/OD 110	18	1	5220
11280431003	DN/OD 125	28	1	3600
11280531003	DN/OD 160	45	1	1904
11728501003	DN/OD 200	76	1	1080
11728601001	DN/OD 250	166	1	462
11728701001	DN/OD 315	241	1	720
11729701001	DN/OD 400	400	1	400

Lubricant

Application:

for socket coupler connection



Mat.-no.	Description	Weight	PG
			pc
11765201003	250 ml	250 g/pc	50
11729601003	500 ml	500 g/pc	24
11787501001	1000 ml	1 kg/pc	1



07 AWASCHACHT PP

Overview of chamber systems DN 1000 - 800 - 600

Product range

Overview of chamber systems

The REHAU AWASCHACHT PP chamber systems comply with European standards DIN EN 13598-2 and DIN EN 476, with requirements for access and inspection chambers as well as general requirements for components for sewer pipes



AWASCHACHT PP DN 1000

The classic access chamber

Conventional field of application	Dirty water, mixed water and stormwater
Material	PP filler-free, free from foaming additives
Colour	Orange
Recommended application	Access chamber, multiple side inlets
Pipe connections	Push-fit joint/welded connection



AWASCHACHT PP DN 800

The access chamber for occasional entry

Conventional field of application	Dirty water, mixed water and stormwater
Material	PP filler-free, free from foaming additives
Colour	Orange
Recommended application	Confined space conditions, house connection chamber
Pipe connections	Push-fit joint/welded connection



AWASCHACHT PP DN 600

The inspection and control chamber for the public area

Conventional field of application	Dirty water, mixed water and stormwater
Material	PP filler-free, free from foaming additives
Colour	Orange
Recommended application	Chamber for cleaning and inspection, initial chamber
Pipe connections	Push-fit joint/welded connection

AWASCHACHT PP special solutions

Shafts for special applications



smartAWASCHACHT	Customized solution for complicated construction sites and channel situations
Chamber-in-chamber renovation	Durable and effective renovation of old manholes
TWINSCHACHT	For waste water and stormwater in one chamber
Energy conversion chamber	For steep sections drainage
Pressure release chamber	Steep gradient drainage, energy conversion chamber
WATERFLUSH	Independent rinsing system for sewers
Water metre chamber	Installation of several metre units
Chamber bases DN 1200/1500	For large drainage channel diameters and several lateral inlets

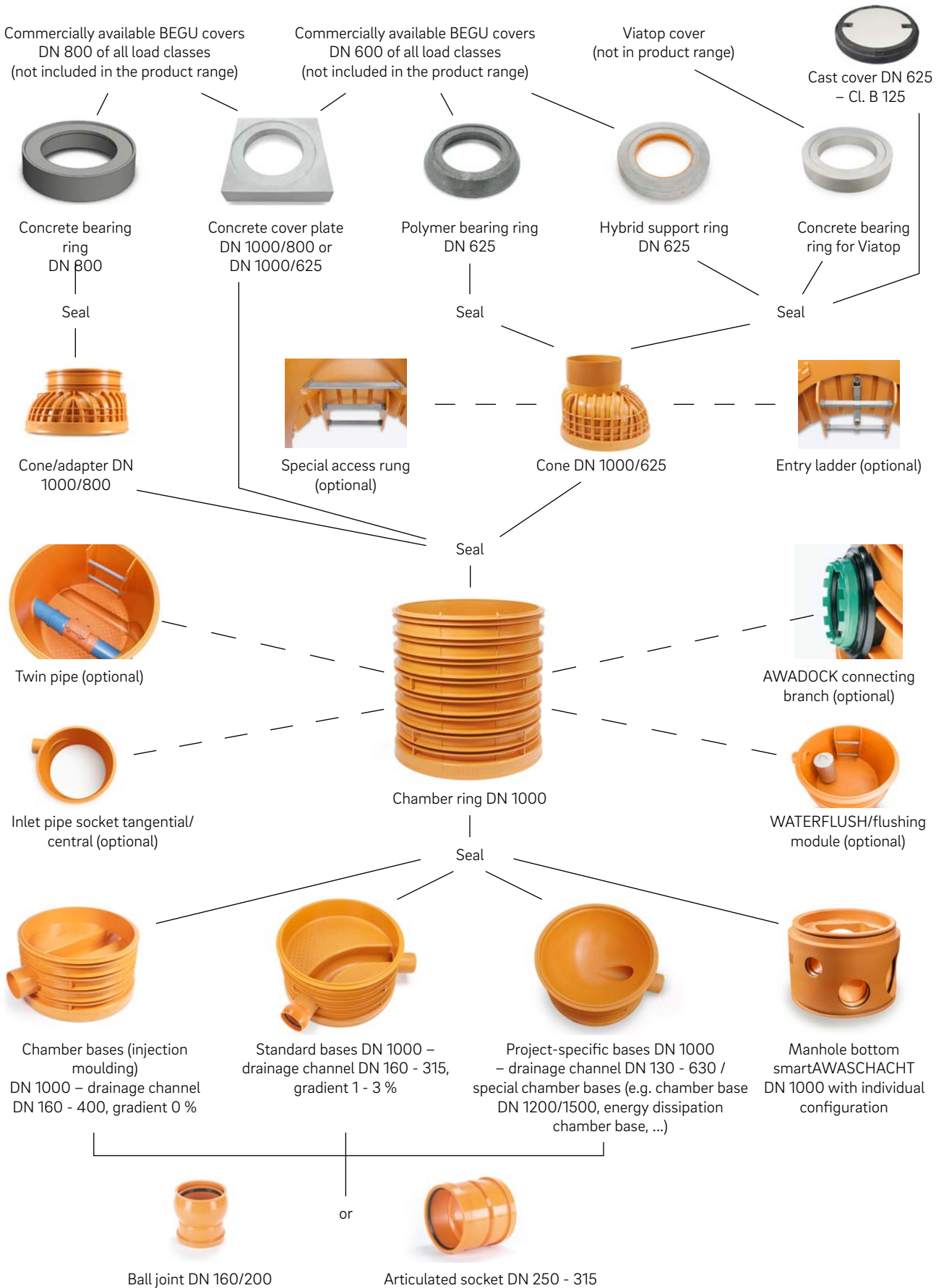


08 AWASCHACHT PP DN 1000

Access chamber

Overview chamber components (definition)

Components for AWASCHACHT DN 1000



Installation matrix for AWASCHACHT PP DN 1000 with cone and concrete support ring

Requirement for chamber rings for every installation depth (distance from top ground surface to the flow bottom)

In consideration of the following parameters:

Cone (N=570 – 820 mm) + concrete support ring (N=70 mm) + compensating mortar (N=10 mm) + BEGU cover D 400 (N=160 mm)

The useful heights of manhole bases can be individually adapted after consultation, which means that other or lower installation depths can also be realized.

Installation depth*		Ring 250	Ring 500	Ring 750	Ring 1000
from [mm]	to [mm]				
1245	1495				Chamber base effective height 435 mm
1496	1745				Chamber base effective height 935 mm shortened to 685 mm
1746	1995	-			Chamber base effective height 935 mm
1996	2245	1	-	-	-
2246	2495	-	1	-	-
2496	2745	-	-	1	-
2746	2995	-	-	-	1
2996	3245	1	-	-	1
3246	3495	-	1	-	1
3496	3745	-	-	1	1
3746	3995	-	-	-	2
3996	4245	1	-	-	2
4246	4495	-	1	-	2
4496	4745	-	-	1	2
4746	4995	-	-	-	3
4996	5245	1	-	-	3
5246	5495	-	1	-	3

Installation matrix for AWASCHACHT PP DN 1000 with concrete cover plate (without cone)

Requirement for chamber rings for every installation depth (distance from top ground surface to the flow bottom)

In consideration of the following parameters:

Concrete cover plate (N=180 mm) + compensating mortar/rings (N=10 – 130 mm) + BEGU cover D 400 (N=160 mm)

Einbautiefe*		Ring 250	Ring 500	Ring 750	Ring 1000
von [mm]	bis [mm]				
785	910				Chamber base effective height 435 mm
911	1035				Chamber base effective height 935 mm shortened to 560 mm
1036	1160				Chamber base effective height 935 mm shortened to 685 mm
1161	1285				Chamber base effective height 935 mm shortened to 810 mm
1286	1410				Chamber base effective height 935 mm
1411	1535**	1			
1536	1660	1	-	-	-
1661	1785**	-	1		-
1786	1910	-	-	1	-
1911	2035**	-	-	1	-
2036	2160	-	-	-	-
2161	2285**	-	-	-	1
2286	2410	-	-	-	1
2411	2535**	1	-	-	1
2536	2660	1	-	-	1
2661	2785**	-	1	-	1
2786	2910	-	1	-	1

*Measured from the top edge of the cover to the base of the drainage channel in the centre of the chamber; height adjustment by trimming the cone; see installation instruction with concrete bearing ring.

** Chamber ring may have to be trimmed by 125 mm on site if necessary. See assembly instructions with concrete cover plate.

08.01 AWASCHACHT PP DN 1000**AWASCHACHT PP DN 1000 - cone**

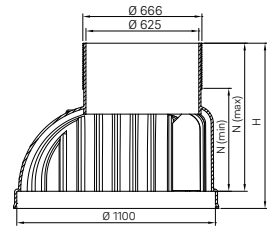
Properties:
shortening dimension: max. 250 mm

Material:
Polypropylene (PP 2300)

Colour:
Orange

Note:

- without seal cone hybrid support ring DN 625
- without element seal DN 1000



Mat.-no.	Description	Effective height N _{min}	Effective height N _{max}	Height H	Weight	PG
		mm	mm	mm	kg/pc	pc
11904001100	DN 1000/625 with ladder	570	820	915	42.9	4
11904881001	DN 1000/625 without ladder	570	820	915	41.1	4

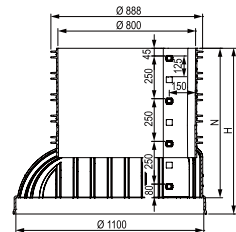
AWASCHACHT PP DN 1000 - cone

Material:
Polypropylene (PP 2300)

Colour:
Orange

Note:

- without element seal DN 1000
- without element seal DN 800



Mat.-no.	Description	Effective height N	Height H	Weight	PG
		mm	mm	kg/pc	pc
11907961100	DN 1000/800 with ladder, EH: 500 mm	500	595	28.08	4
11907861100	DN 1000/800 with ladder, EH: 875 mm	875	970	39.96	2

AWASCHACHT PP DN 1000 - chamber ring

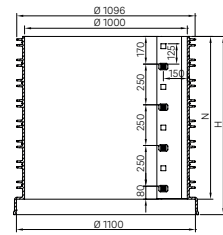
Properties:
with vertical ladder

Material:
Polypropylene (PP 2300)

Colour:
Orange

Note:

- without element seal DN 1000
- inlet pipe sockets and tangential spigots as inlet above the drainage channel possible, prices on request



Mat.-no.	Description	DN/OD	Effective height N	Height H	Weight	PG
			mm	mm		
11903131001	DN 1000, eff. height 125 mm, with ladder	1000	125	220	12.35	16
11904901100	DN 1000, eff. height 250 mm, with ladder	1000	250	345	19.6	8
11905001100	DN 1000, eff. height 500 mm, with ladder	1000	500	595	34.4	4
11904361001	DN 1000, eff. height 750 mm, with ladder	1000	750	845	48.1	3
11909001100	DN 1000, eff. height 1000mm, with ladder	1000	1000	1095	62.8	2

AWASCHACHT PP DN 1000 - chamber ring

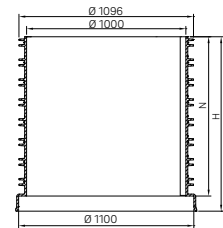
Properties:
without vertical ladder

Material:
Polypropylene (PP 2300)

Colour:
Orange

Note:

- without element seal DN 1000
- inlet pipe sockets and tangential spigots as inlet above the drainage channel possible, prices on request



Mat.-no.	Description	DN/OD	Effective height N	Height H	Weight	PG
			mm	mm		
11909021001	DN 1000, eff. ht. 125 mm without ladder	1000	125	220	12.35	16
11909031001	DN 1000, eff. ht. 250 mm without ladder	1000	250	345	19.6	8
19377381001	DN 1000, eff. ht. 500 mm without ladder	1000	500	595	32	4
11909061001	DN 1000, eff. ht. 750 mm without ladder	1000	750	845	48.1	3
11909071001	DN 1000, eff. ht. 1000 mm without ladder	1000	1000	1095	62.4	2

AWASCHACHT PP DN 1000 - standard chamber base gradient 0 %

Properties:

- inlet and outlet as spigot end or sleeve
- injection moulded design
- deformation-proof
- with level contact surface

Material:

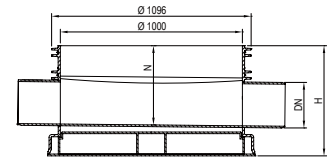
Polypropylene (PP 2300)

Colour:

Orange
















Note:

- without element seal DN 1000 (type M)
- for manhole bases with connection socket, insert element seal DN 1000, type M



Mat.-no.	Channel shape	DN/OD	Type ^{*1}	Bending	Connection	Effective height N	Height H	Weight	PG
						mm	mm		
11919301160		160	GD	180°	spigot end	435	605	62.4	4
11910021200		200	GD	180°	spigot end	435	605	71.9	4
11903191250		250	GD	180°	spigot end	435	605	76.6	4
11904591315		315	GD	180°	spigot end	435	605	71.4	4
11904661400		400	GD	180°	spigot end	480	605	86.462	4
11908271200		200	AG15	165° or 195°	spigot end	435	605	68.061	4
11909871001		315	AG15	165° or 195°	spigot end	435	605	63.625	4
11908281200		200	AG30	150° or 225°	spigot end	435	605	68.561	4
11909881001		315	AG30	150° or 225°	spigot end	435	605	63.625	4
11908291200		200	AG45	135° or 225°	spigot end	435	605	68.236	4
11909731001		200	AG60	120° or 240°	sleeve	435	605	80	4
11904961001		200	AG90	90° or 270°	sleeve	435	605	80	4
11904981001		250	AG90	90° or 270°	sleeve	435	605	80	4
11904991001		315	AG90	90° or 270°	sleeve	435	605	80	4
11909721001		200	RML45	135° / 180° / 225°	sleeve	435	605	80	4
11912481001		200	RM45	180° / 225°	sleeve	435	605	82.3	4
11912491001		200	ML45	135° / 180°	sleeve	435	605	82.3	4

*1 AG = Angled, GD = Straight through, RML = Right center left, RM = Right center, ML = Center left, LB = Empty base

Mat.-no.	Channel shape	DN/OD	Type ^{*1}	Bending	Connection	Effective height N	Height H	Weight	PG
						mm	mm	kg/pc	pc
11912521001		200	RL45	135° / 225°	sleeve	435	605	82.3	4
11910031001		200	RML90	90° / 180° / 270°	sleeve	435	605	79	4
11904581001		250	RML90	90° / 180° / 270°	sleeve	435	605	80	4
11904631001		315	RML90	90° / 180° / 270°	sleeve	435	605	81	4
11908321001		200	RM90	180° / 270°	sleeve	435	605	81.25	4
11908371001		250	RM90	180° / 270°	sleeve	435	605	82.25	4
11908421001		315	RM90	180° / 270°	sleeve	435	605	83.25	4
11908331001		200	ML90	90° / 180°	sleeve	435	605	81.25	4
11908381001		250	ML90	90° / 180°	sleeve	435	605	82.25	4
11908431001		315	ML90	90° / 180°	sleeve	435	605	83.25	4
11908361001		200	RL90	90° / 270°	sleeve	435	605	81.25	4
11908391001		250	RL90	90° / 270°	sleeve	435	605	82.25	4
11908461001		315	RL90	90° / 270°	sleeve	435	605	83.25	4
11904851001			LB	no channel	no connection	475	605	59.15	4
11904951001			LB	no channel	no connection	975	1105	89.55	2

*1 AG = Angled, GD = Straight through, RML = Right center left, RM = Right center, ML = Center left, LB = Empty base

**AWASCHACHT PP DN 1000 - standard chamber base
gradient 1 - 3 % (effective height: 935 mm)**

Application:

useful height: 935 mm for shaft height > 1,496 mm (top of ground to flow bottom)

Properties:

- infinite angle adjustment by $\pm 7.5^\circ$ horizontally or vertically
- articulated inlets including permanently fitted EPDM sealing rings (DN 160 - 315), outlet as spigot end
- with level contact surface
- welded variant as spigot end possible

Material:

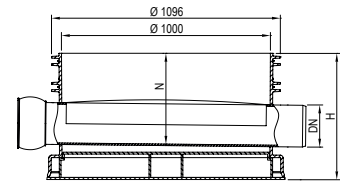
Polypropylene (PP 2300)

Colour:

Orange

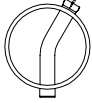
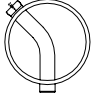
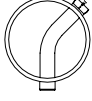
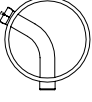
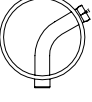
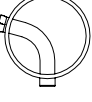
Note:

- without element seal DN 1000
- lateral inlets possible, price and feasibility on request

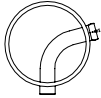
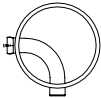
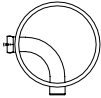
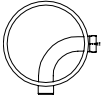


Mat.-no.	Channel shape	DN/OD	Type ^{*1}	Bending	Connection	Effective height N	Height H	Weight	PG
						mm	mm		
11906331001		160	GD	180°	ball joint	935	1105	106.129	2
11906481001		200	GD	180°	ball joint	935	1105	106.782	2
11906631001		250	GD	180°	articulated socket	935	1105	112.077	2
11906781001		315	GD	180°	articulated socket	935	1105	120.311	2
11915371001		500	GD	180°	sleeve	935	1105	146	2
11906231001		160	AG15	165°	ball joint	935	1105	112.85	2
11906471001		200	AG15	165°	ball joint	935	1105	113.502	2
11906621001		250	AG15	165°	articulated socket	935	1105	112.077	2
11906771001		315	AG15	165°	articulated socket	935	1105	120.211	2
11908861001		400	AG15	165°	sleeve	935	1105	135.763	2
11915381001	500	AG15	165°	sleeve	935	1105	146	2	
11906231100		160	AG15	195°	ball joint	935	1105	112.85	2
11906471100		200	AG15	195°	ball joint	935	1105	113.502	2
11906621100		250	AG15	195°	articulated socket	935	1105	112.077	2
11906771100		315	AG15	195°	articulated socket	935	1105	120.211	2
11908861100		400	AG15	195°	sleeve	935	1105	125	2
11915381100	500	AG15	195°	sleeve	935	1105	146	2	
11906321001		160	AG30	150°	ball joint	935	1105	112.849	2
11906461001		200	AG30	150°	ball joint	935	1105	113.502	2
11906591001		250	AG30	150°	articulated socket	935	1105	112.077	2
11906761001		315	AG30	150°	articulated socket	935	1105	120.211	2
11915281001		400	AG30	150°	sleeve	935	1105	135.958	2
11915391001	500	AG30	150°	sleeve	935	1105	146	2	

*1 AG = Angled, GD = Straight through, RML = Right center left, RM = Right center, ML = Center left, LB = Empty base

Mat.-no.	Channel shape	DN/OD	Type ^{*1}	Bending	Connection	Effective height N	Height H	Weight	PG
						mm	mm	kg/pc	pc
11906321100		160	AG30	210°	ball joint	935	1105	112.849	2
11906461100		200	AG30	210°	ball joint	935	1105	113.502	2
11906591100		250	AG30	210°	articulated socket	935	1105	112.077	2
11906761100		315	AG30	210°	articulated socket	935	1105	120.211	2
11915281100		400	AG30	210°	sleeve	935	1105	135.958	2
11915391100		500	AG30	210°	sleeve	935	1105	146	2
11906291001		160	AG45	135°	ball joint	935	1105	112.849	2
11906431001		200	AG45	135°	ball joint	935	1105	113.502	2
11906581001		250	AG45	135°	articulated socket	935	1105	112.075	2
11906731001		315	AG45	135°	articulated socket	935	1105	120.211	2
11915291001		400	AG45	135°	sleeve	935	1105	135.958	2
11915431001		500	AG45	135°	sleeve	935	1105	146	2
11906291100		160	AG45	225°	ball joint	935	1105	112.849	2
11906431100		200	AG45	225°	ball joint	935	1105	113.502	2
11906581100		250	AG45	225°	articulated socket	935	1105	112.075	2
11906731100		315	AG45	225°	articulated socket	935	1105	120.211	2
11915291100		400	AG45	225°	sleeve	935	1105	135.958	2
11915431100		500	AG45	225°	sleeve	935	1105	146	2
11906281001		160	AG60	120°	ball joint	935	1105	112.85	2
11906421001		200	AG60	120°	ball joint	935	1105	113.502	2
11906571001		250	AG60	120°	articulated socket	935	1105	112.077	2
11906721001		315	AG60	120°	articulated socket	935	1105	120.211	2
11915331001		400	AG60	120°	sleeve	935	1105	135.958	2
11915441001		500	AG60	120°	sleeve	935	1105	146	2
11906281100		160	AG60	240°	ball joint	935	1105	112.85	2
11906421100		200	AG60	240°	ball joint	935	1105	113.502	2
11906571100		250	AG60	240°	articulated socket	935	1105	112.077	2
11906721100		315	AG60	240°	articulated socket	935	1105	120.211	2
11915331100		400	AG60	240°	sleeve	935	1105	135.958	2
11915441100		500	AG60	240°	sleeve	935	1105	146	2
11906271001		160	AG75	105°	ball joint	935	1105	112.849	2
11906391001		200	AG75	105°	ball joint	935	1105	113.502	2
11906561001		250	AG75	105°	articulated socket	935	1105	116.058	2
11906691001		315	AG75	105°	articulated socket	935	1105	120.212	2
11915351001		400	AG75	105°	sleeve	935	1105	135.958	2
11915451001		500	AG75	105°	sleeve	935	1105	146	2

*1 AG = Angled, GD = Straight through, RML = Right center left, RM = Right center, ML = Center left, LB = Empty base

Mat.-no.	Channel shape	DN/OD	Type ^{*1}	Bending	Connection	Effective height N	Height H	Weight	PG
						mm	mm	kg/pc	pc
11906271100		160	AG75	255°	ball joint	935	1105	112.849	2
11906391100		200	AG75	255°	ball joint	935	1105	113.502	2
11906561100		250	AG75	255°	articulated socket	935	1105	116.058	2
11906691100		315	AG75	255°	articulated socket	935	1105	120.212	2
11915351100		400	AG75	255°	sleeve	935	1105	135.958	2
11915451100		500	AG75	255°	sleeve	935	1105	146	2
11906261001		160	AG90	90°	ball joint	935	1105	112.849	2
11906381001		200	AG90	90°	ball joint	935	1105	109.522	2
11906531001		250	AG90	90°	articulated socket	935	1105	116.057	2
11906681001		315	AG90	90°	articulated socket	935	1105	120.212	2
11915361001		400	AG90	90°	sleeve	935	1105	135.958	2
11915461001		500	AG90	90°	sleeve	935	1105	146	2
11906261100		160	AG90	270°	ball joint	935	1105	112.849	2
11906381100		200	AG90	270°	ball joint	935	1105	109.522	2
11906531100		250	AG90	270°	articulated socket	935	1105	116.057	2
11906681100		315	AG90	270°	articulated socket	935	1105	120.212	2
11915361100		400	AG90	270°	sleeve	935	1105	135.958	2
11915461100		500	AG90	270°	sleeve	935	1105	146	2

*1 AG = Angled, GD = Straight through, RML = Right center left, RM = Right center, ML = Center left, LB = Empty base

AWASCHACHT PP DN 1000 - standard chamber base gradient 1 - 3 % (effective height: 435 mm)

Application:

useful height: 435 mm for shaft height < 1,496 mm (top of ground to flow bottom)

Properties:

- infinite angle adjustment by $\pm 7.5^\circ$ horizontally or vertically
- articulated inlets including permanently fitted EPDM sealing rings (DN 160 - 315), outlet as spigot end
- with level contact surface
- welded variant as spigot end possible

Material:

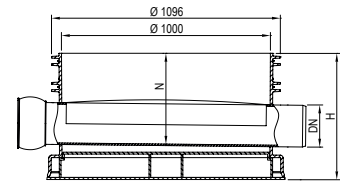
Polypropylene (PP 2300)

Colour:

Orange

Note:

- without element seal DN 1000
- lateral inlets possible, price and feasibility on request



Mat.-no.	Channel shape	DN/OD	Type*1	Bending	Connection	Effective height N	Height H	Weight	PG
						mm	mm		
11910061001		160	GD	180°	ball joint	435	605	75.729	4
11910861001		200	GD	180°	ball joint	435	605	76.382	4
11911561001		250	GD	180°	articulated socket	435	605	81.677	4
11912261001		315	GD	180°	articulated socket	435	605	89.861	4
11910161001		160	AG15	165°	ball joint	435	605	82.45	4
11910961001		200	AG15	165°	ball joint	435	605	83.102	4
11911661001		250	AG15	165°	articulated socket	435	605	81.677	4
11912361001		315	AG15	165°	articulated socket	435	605	89.861	4
11910161100		160	AG15	195°	ball joint	435	605	82.45	4
11910961100		200	AG15	195°	ball joint	435	605	83.102	4
11911661100		250	AG15	195°	articulated socket	435	605	81.677	4
11912361100		315	AG15	195°	articulated socket	435	605	89.861	4
11910261001		160	AG30	150°	ball joint	435	605	82.449	4
11911061001		200	AG30	150°	ball joint	435	605	83.102	4
11911761001		250	AG30	150°	articulated socket	435	605	81.677	4
11912461001		315	AG30	150°	articulated socket	435	605	89.861	4
11910261100		160	AG30	210°	ball joint	435	605	82.449	4
11911061100		200	AG30	210°	ball joint	435	605	83.102	4
11911761100		250	AG30	210°	articulated socket	435	605	81.677	4
11912461100		315	AG30	210°	articulated socket	435	605	89.861	4
11910361001		160	AG45	135°	ball joint	435	605	82.449	4
11911161001		200	AG45	135°	ball joint	435	605	83.102	4
11911861001		250	AG45	135°	articulated socket	435	605	81.675	4
11912561001		315	AG45	135°	articulated socket	435	605	89.861	4

*1 AG = Angled, GD = Straight through, RML = Right center left, RM = Right center, ML = Center left, LB = Empty base

Mat.-no.	Channel shape	DN/OD	Type*1	Bending	Connection	Effective height N	Height H	Weight	PG
						mm	mm		
11910361100		160	AG45	225°	ball joint	435	605	82.449	4
11911161100		200	AG45	225°	ball joint	435	605	83.102	4
11911861100		250	AG45	225°	articulated socket	435	605	81.675	4
11912561100		315	AG45	225°	articulated socket	435	605	89.861	4
11910461001		160	AG60	120°	ball joint	435	605	82.45	4
11911261001		200	AG60	120°	ball joint	435	605	83.102	4
11912761001		250	AG60	120°	articulated socket	435	605	81.677	4
11912861001		315	AG60	120°	articulated socket	435	605	89.861	4
11910461100		160	AG60	240°	ball joint	435	605	82.45	4
11911261100		200	AG60	240°	ball joint	435	605	83.102	4
11912761100		250	AG60	240°	articulated socket	435	605	81.677	4
11912861100		315	AG60	240°	articulated socket	435	605	89.861	4
11913661001		160	AG75	105°	ball joint	435	605	82.449	4
11913761001		200	AG75	105°	ball joint	435	605	83.102	4
11913861001		250	AG75	105°	articulated socket	435	605	85.658	4
11913961001		315	AG75	105°	articulated socket	435	605	89.862	4
11913661100		160	AG75	255°	ball joint	435	605	82.449	4
11913761100		200	AG75	255°	ball joint	435	605	83.102	4
11913861100		250	AG75	255°	articulated socket	435	605	85.658	4
11913961100		315	AG75	255°	articulated socket	435	605	89.862	4
11910561001		160	AG90	90°	ball joint	435	605	82.449	4
11912961001		200	AG90	90°	ball joint	435	605	79.122	4
11913061001		250	AG90	90°	articulated socket	435	605	85.657	4
11913161001		315	AG90	90°	articulated socket	435	605	89.862	4
11910561100		160	AG90	270°	ball joint	435	605	82.449	4
11912961100		200	AG90	270°	ball joint	435	605	79.122	4
11913061100		250	AG90	270°	articulated socket	435	605	85.657	4
11913161100		315	AG90	270°	articulated socket	435	605	89.862	4

*1 AG = Angled, GD = Straight through, RML = Right center left, RM = Right center, ML = Center left, LB = Empty base

AWASCHACHT PP DN 1000 - standard chamber base gradient 1 - 3 % (effective height: 935 mm)

Application:

useful height: 935 mm for shaft height > 1,496 mm (top of ground to flow bottom)

Properties:

- infinite angle adjustment by $\pm 7.5^\circ$ horizontally or vertically
- articulated inlets including permanently fitted EPDM sealing rings (DN 160 - 315), outlet as spigot end
- with level contact surface
- welded variant as spigot end possible

Material:

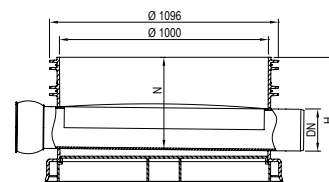
Polypropylene (PP 2300)

Colour:

Orange

Note:

- without element seal DN 1000
- no lateral inlets possible



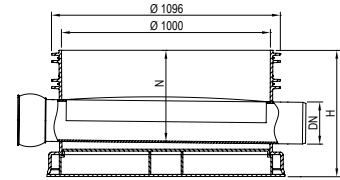
Mat.-no.	Channel shape	DN/OD	Type* ¹	Bending	Connection	Effective height N	Height H	Weight	PG
						mm	mm		
11907291001		160	GD-AM	180° (off-center)	ball joint	935	1105	105.544	2
11907321001		200	GD-AM	180° (off-center)	ball joint	935	1105	106.782	2
11906361001		160	RML45	135°/180°/225°	ball joint	935	1105	117.748	2
11906491001		200	RML45	135°/180°/225°	ball joint	935	1105	120.279	2
11906671001		250	RML45	135°/180°/225°	articulated socket	935	1105	119.776	2
11906371001		160	RML90	90°/180°/270°	ball joint	935	1105	116.234	2
11906521100		200/200	RM90	180°/270°	ball joint	935	1105	115.714	2
11906661100		250/200	RM90	180°/270°	articulated socket	935	1105	118.516	2
11906791100		315/200	RM90	180°/270°	articulated socket	935	1105	123.509	2
11906521001		200/200	ML90	90°/180°	ball joint	935	1105	115.714	2
11906661001		250/200	ML90	90°/180°	articulated socket	935	1105	118.516	2
11906791001		315/200	ML90	90°/180°	articulated socket	935	1105	123.509	2

*¹ AG = Angled, GD = Straight through, RML = Right center left, RM = Right center, ML = Center left, LB = Empty base

**AWASCHACHT PP DN 1000 - standard chamber base
gradient 1 - 3 % (effective height: 435 mm)**

Application:

useful height: 435 mm for shaft height < 1,496 mm (top of ground to flow bottom)



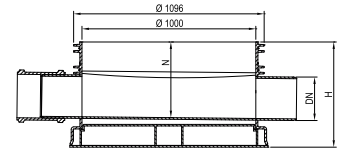
Mat.-no.	Channel shape	DN/OD	Type*1	Bending	Connection	Effective height N	Height H	Weight	PG
						mm	mm		
11907271001		160	GD-AM	180° (off-center)	ball joint	435	605	75.144	4
11907281001		200	GD-AM	180° (off-center)	ball joint	435	605	75.406	4
11913261001		160	RML45	135°/180°/225°	ball joint	435	605	87.348	4
11911361001		200	RML45	135°/180°/225°	ball joint	435	605	91.238	4
11912061001		250	RML45	135°/180°/225°	articulated socket	435	605	95.136	4
11910661001		160	RML90	90°/180°/270°	ball joint	435	605	86.684	4
11913361100		200/200	RM90	180°/270°	ball joint	435	605	89.086	4
11913461100		250/200	RM90	180°/270°	articulated socket	435	605	85.516	4
11913561100		315/200	RM90	180°/270°	articulated socket	435	605	89.324	4
11913361001		200/200	ML90	90°/180°	ball joint	435	605	89.086	4
11913461001		250/200	ML90	90°/180°	articulated socket	435	605	85.516	4
11913561001		315/200	ML90	90°/180°	articulated socket	435	605	89.324	4

*1 AG = Angled, GD = Straight through, RML = Right center left, RM = Right center, ML = Center left, LB = Empty base

AWASCHACHT PP DN 1000 - project-specific bases

Application:

- useful height: 935 mm for shaft height > 1,496 mm (top of ground to flow bottom)
- gradient variable from 1 - 10 % (DN 160 - 400) or 1 - 5 % (DN 500 - 630), additional price for gradient > 10 % (DN 160 - 315)



Properties:

- infinite angle adjustment by $\pm 7.5^\circ$ horizontally or vertically
- articulated inlets including permanently fitted EPDM sealing rings (DN 160 - 315), outlet as spigot end
- with level contact surface
- welded variant as spigot end possible

Material:

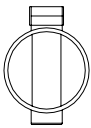
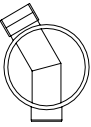
Polypropylene (PP 2300)

Colour:

Orange

Note:

- without element seal DN 1000
- lateral inlets possible, price and feasibility on request

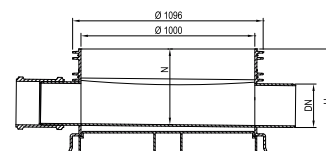
Mat.-no.	Channel shape	DN/OD	Type ^{*1}	Bending	Gradient	Effective height N	Height H	Weight	PG
						mm	mm		
19810031110		110	GD	180°	1-10 %	935	1105	97	2
19810031125		125	GD	180°	1-10 %	935	1105	98	2
19810031160		160	GD	180° (+/- 7,5°)	1-10 %	935	1105	99	2
19810031200		200	GD	180° (+/- 7,5°)	1-10 %	935	1105	101	2
19810031250		250	GD	180° (+/- 7,5°)	1-10 %	935	1105	104	2
19810031315		315	GD	180° (+/- 7,5°)	1-10 %	935	1105	110	2
19810031400		400	GD	180°	1-10 %	935	1105	121	2
19810031500		500	GD	180°	1-5 %	935	1105	134	2
19810031630		630	GD	180°	1-5 %	935	1105	156	2
19810041110			110	AG	variable	1-10 %	935	1105	97
19810041125	125		AG	variable	1-10 %	935	1105	98	2
19810041160	160		AG	variable (+/- 7,5°)	1-10 %	935	1105	99	2
19810041200	200		AG	variable (+/- 7,5°)	1-10 %	935	1105	101	2
19810041250	250		AG	variable (+/- 7,5°)	1-10 %	935	1105	104	2
19810041315	315		AG	variable (+/- 7,5°)	1-10 %	935	1105	110	2
19810041400	400		AG	135° - 225°	1-10 %	935	1105	121	2
19810041500	500	AG	150° - 210°	1-5 %	935	1105	134	2	

*1 AG = Angled, GD = Straight through, RML = Right center left, RM = Right center, ML = Center left, LB = Empty base

AWASCHACHT PP DN 1000 - project-specific bases

Application:

useful height: 435 mm for shaft height < 1,496 mm (top of ground to flow bottom)



Mat.-no.	Channel shape	DN/OD	Type*1	Bending	Gradient	Effective height N	Height H	Weight	PG
						mm	mm		
19810011110		110	GD	180 °	1-10 %	435	605	66	4
19810011125		125	GD	180 °	1-10 %	435	605	67	4
19810011160		160	GD	180° (+/- 7,5°)	1-10 %	435	605	68	4
19810011200		200	GD	180° (+/- 7,5°)	1-10 %	435	605	70	4
19810011250		250	GD	180° (+/- 7,5°)	1-10 %	435	605	74	4
19810011315		315	GD	180° (+/- 7,5°)	1-10 %	435	605	80	4
19810021110		110	AG	variable	1-10 %	435	605	66	4
19810021125		125	AG	variable	1-10 %	435	605	67	4
19810021160		160	AG	variable (+/- 7,5°)	1-10 %	435	605	68	4
19810021200		200	AG	variable (+/- 7,5°)	1-10 %	435	605	70	4
19810021250		250	AG	variable (+/- 7,5°)	1-10 %	435	605	74	4
19810021315		315	AG	variable (+/- 7,5°)	1-10 %	435	605	80	4

*1 AG = Angled, GD = Straight through, RML = Right center left, RM = Right center, ML = Center left, LB = Empty base

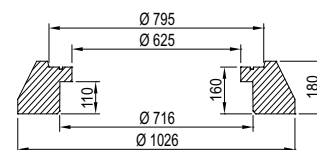
08.02 Support area

AWASCHACHT PP polymer bearing ring

Application:
for commercially available BEGU covers according to EN 124

Material:
Polymer

Colour:
Grey



Mat.-no.	Description	DN/OD	Weight kg/pc	PG pc
11904281001	DN 625, for AWAS 1000/800	625	47	10

Accessories polymer support ring

Application:
special accessories for polymer support ring, seal for cone-polymer support ring connection, mortar for connection to commercially available BEGU covers according to EN 124

Mat.-no.	Description	Weight	PG
11904491001	DN 625, cone - polymer bearing ring	400 g/pc	1
11904731001	type VANDEX f. polymer bearing ring	25 kg/pc	1

AWASCHACHT hybrid support ring

Application:
for commercially available BEGU covers according to EN 124

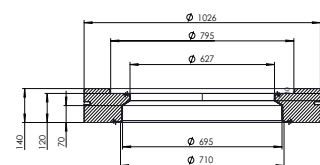
Material:
Concrete, with polymer inner surface

Colour:

- ring, Grey
- interior surface, Orange

Note:

- Especially for waste water manholes for visual differentiation.
- without seal cone hybrid support ring DN 625



Mat.-no.	Description	DN/OD	Weight kg/pc	PG pc
11914641001	DN 625, for AWAS 1000/800, orange f. WW	625	144	7

AWASCHACHT PP hybrid support ring

Application:
for commercially available BEGU covers according to EN 124

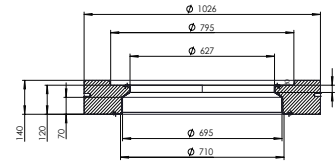
Material:
Concrete, with polymer inner surface

Colour:

- ring, Grey
- inner surface, Blue

Note:

- Especially for waste water manholes for visual differentiation.
- without seal cone hybrid support ring DN 625



Mat.-no.	Description	DN/OD	Weight kg/pc	PG pc
11914661001	DN 625, for AWAS 1000/800, blue f. RW	625	144	7

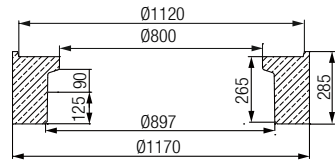
AWASCHACHT PP concrete bearing ring

Application:
for commercially available BEGU covers according to EN 124

Material:
Concrete

Colour:
Grey

Note:
without element seal DN 800



Mat.-no.	Description	DN/OD	Weight kg/pc	PG pc
11908631001	DN 800, f. covers DN 800	800	300	3

AWASCHACHT PP concrete bearing ring Viatop

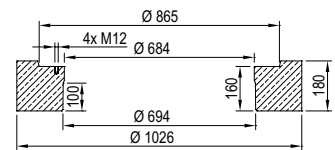
Application:
for Viatop niveau cover

Properties:
consistent > 680 mm internally

Material:
Concrete

Colour:
Grey

Note:
without seal cone concrete ring / cast cover



Mat.-no.	Description	DN/OD	Weight kg/pc	PG pc
11900361001	Viatop for DN 1000/800/600 (type F)	625	185	7

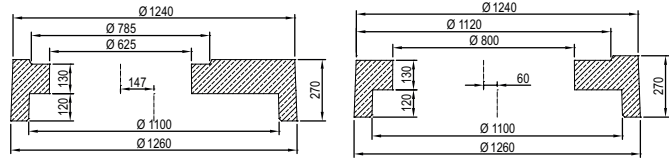
AWASCHACHT PP concrete cover plate

Application:
for commercially available BEGU covers according to EN 124

Material:
Concrete

Colour:
Grey

Note:
without element seal



Mat.-no.	Description	DN/OD	Weight kg/pc	PG pc
11902171001	DN 625, for AWASCHACHT DN 1000	625	631	1
11902271001	DN 800, for AWASCHACHT DN 1000	800	685	1

AWASCHACHT PP cast iron cover

Application:
for direct support on cone 1000/625 or 800/625

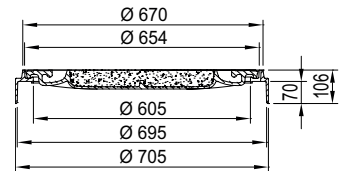
Properties:
class B 125 with cast concrete cover

Material:
Cast/Concrete

Colour:

- interior surface, Grey
- housing outside, Black

Note:
not compatible with concrete and polymer bearing ring



Mat.-no.	Description	DN/OD	Di mm	Da mm	Effective height N mm	Height H mm	Weight kg/pc	PG pc
11902481001	DN 625, type: B 125	625	605	705	35	106	77	12
11902571001	DN 625, type: B 125 V	625	605	705	35	106	62	12
11902581001	DN 625, type: B 125 TGW	625	605	705	35	106	77	12

08.03 Seals

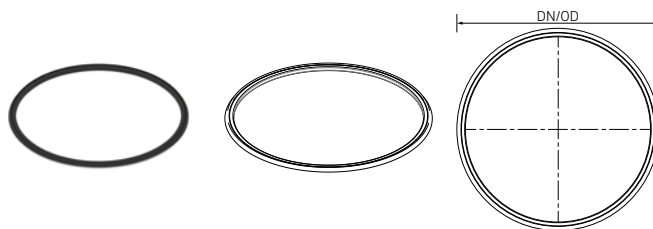
AWASCHACHT PP element seal

Material:

Ethylene-propylene diene monomer rubber (EPDM)

Colour:

Black



Mat.-no.	Description	DN/OD	Weight kg/pc	PG pc
11915591001	element seal DN 800	800	2.03	1
11915581001	element seal DN 1000	1000	2.66	1
11904931001	DN 1000, type M	1000	2.6	1

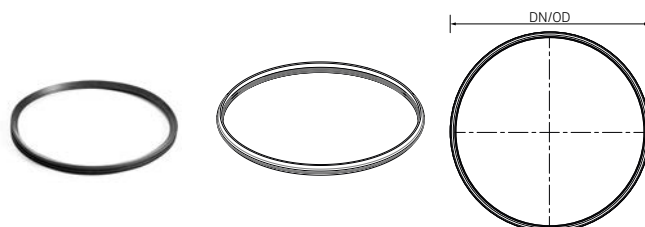
AWASCHACHT PP cone concrete ring

Material:

Ethylene-propylene diene monomer rubber (EPDM)

Colour:

Black



Mat.-no.	Description	DN/OD	Weight g/pc	PG pc	PG pc/Pal
11906451001	DN 625, cone - bearing ring/iron cover	625	940	1	250

AWASCHACHT PP Konus-Dichtung

Material:

Ethylene-propylene diene monomer rubber (EPDM)

Colour:

Black



Mat.-no.	Description	DN/OD	Weight g/pc	PG pc	PG pc/PF
11915631001	DN 625, cone - bearing ring, iron cover	625	1020	1	250

08.04 Accessories

AWASCHACHT entry aid with safety handle

Mat.-no.	Description	Length L	Weight	PG
		m	kg/pc	pc
11906251001	with safety handle, length ca. 1,60 m	1.6	3.5	1

AWASCHACHT sleeve for entry aid



Mat.-no.	Description	Weight	PG
		kg/pc	pc
11906351200	without instal. ID: 38mm (type Zarges)	2.49	1

AWASCHACHT special entry step



Mat.-no.	Description	Weight	PG
		g/pc	pc
11910751001	for cone DN 1000/625 made of GRP	200	1
11912141001	for cone DN 800/625 made of GRP	367	1

Rope loop M12 for concrete bearing ring



Mat.-no.	Description	Weight	PG
		g/pc	pc
11902771001	thread M12, for bearing ring DN 625	200	1

Lubricant

Application:
for socket coupler connection



Mat.-no.	Description	Weight	PG
		g/pc	pc
11088101001	5000 ml	5000	1

08.05 Fittings**AWADUKT PP ball joint**

Properties:

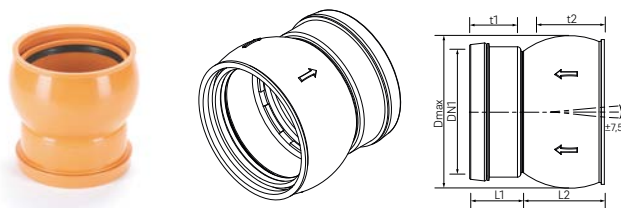
- infinite angle adjustment by $\pm 7.5^\circ$ horizontally or vertically
- with EPDM seals

Material:

Polypropylene (PP 2300)

Colour:

Orange



Mat.-no.	Description	DN/OD	D_{max}	t	t2	Length L1	Length L2	Weight	PG
			mm	mm	mm	mm	mm	kg/pc	pc
160									
11760451001	DN 160 socket/socket	160	210	69	98	76	127	1.265	72
11760551001	DN 160 socket/spigot	160	210	0	98	88	127	1.207	92
200									
11725551001	DN 200 socket/socket	200	253	78	110	105	146	1.959	45
11725651001	DN 200 socket/spigot	200	253	0	110	95	146	1.886	45

AWADUKT PP double socket vario

Properties:

- infinite angle adjustment by $\pm 7.5^\circ$ horizontally or vertically
- with EPDM seals

Type:

KGMM vario

Material:

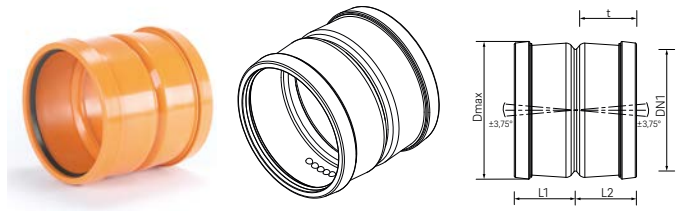
Polypropylene (PP 2300)

Colour:

Orange

Note:

delivery socket/spigot end includes double socket with pipe section



Mat.-no.	Description	DN/OD	t mm	D _{max} mm	Length L1 mm	Length L2 mm	Weight kg/pc	PG pc
250								
11760751001	DN 250 socket/socket	250	105	286	127	127	1.92	32
11761171001	DN 250 socket/spigot	250	105	286	127	527	5.202	10
315								
11760851001	DN 315 socket/socket	315	120	357	146	146	3.307	16
11761181001	DN 315 socket/spigot	315	120	357	146	570	9.306	6

AWADOCK hole saw

Application:

for tapping polymer pipes and chambers, including hole saw retainer, drill chuck, centre drill with ejector

Components:

packed in a tool case



Mat.-no.	Description	Diameter D mm	Weight kg/pc	PG pc
11900281001	for polymer pipes and chambers, 200 mm	200	3.5	1
11904571001	for polymer pipes and chambers, 250 mm	250	4.5	1

AWADOCK to AWASCHACHT

Application:

connection of PVC and PP sewer pipes to AWASCHACHT
PP DN 800 and DN 1000

Material:

- Ethylene-propylene diene monomer rubber (EPDM)
- Polypropylene (PP)

Colour:

- screw crown, Green
- gasket, Black



Mat.-no.	Description	Type	DN/OD	Borehole	Length tip end	Weight	PG
				mm	mm		
160							
11903651600	Polymer DN160 to AWASCHACHT	standard	160	200	0	1.61	1
11911751600	Polymer DN160 to AWASCHACHT 800/1000	K/U	160	200	60	1.711	1
200							
11913451600	Polymer DN200 to AWASCHACHT 800/1000	standard	200	250	0	2.371	1
11913551600	Polymer DN200 to AWASCHACHT 800/1000	K/U	200	250	60	2.41	1



09 **AWASCHACHT PP DN 800**

Access chamber

Components for AWASCHACHT PP DN 800

Commercially available BEGU covers DN 600 of all load classes (not in the product range)

Cast cover cl. B 125

Viatop cover (not in product range)

Commercially available BEGU covers - DN 800 of all load classes (not in product range)

Polymer bearing ring DN 625

Hybrid support ring DN 625

Concrete bearing ring for Viatop

Concrete bearing ring DN 800

Seal

Seal



Access aid (optional, only with a minimum of one chamber ring)



Cone DN 800/625

Seal



Twin pipe (optional)



AWADOCK Connecting branch (optional)



Chamber ring DN 800



Inlet pipe socket tangential/central (optional)

Seal



Chamber bases (injection moulding) DN 800 – drainage channel DN 160 – 315, Gradient 0 %



Standard bases DN 800 – drainage channel DN 160 – 315, gradient 1 – 2 %



Project-specific bases DN 800 – drainage channel DN 110 - 400; special chamber bases (energy dissipation chamber base, empty base ...)



Cone/adaptor DN 1000/800

Seal DN 1000

Ball joint DN 160/200

or

Articulated socket DN 250 – 315



Chamber bases (injection moulded) DN 1000 – drainage channel DN 160 – 400; gradient 0 %

Installation matrix for AWASCHACHT PP DN 800 with cone and concrete bearing ring

Requirement for chamber rings for every installation depth (distance from top ground surface to the flow bottom)

The following parameters are taken into account:

cone (N=365 – 615 mm) + concrete bearing ring (N=70 mm) + levelling mortar (N=10 mm) + BEGU cover D 400 (N=160 mm)

GD, RML Gradient 0 % DN 160 Effective height 455 mm		GD, RML Gradient 0 % DN 200 Effective height 495 mm		GD, RML Gradient 0 % DN 250 Effective height 535 mm		chamber rings [mm]						
Installation depth*		Installation depth*		Installation depth*		Ring	Ring	Ring	Ring	Ring	Ring	Ring
Min. [mm]	Max. [mm]	Min. [mm]	Max. [mm]	Min. [mm]	Max. [mm]	125	250	375	500	625	750	875
1060*	1310	1100*	1350	1140*	1390	Chamber base without chamber ring						
1311	1435	1351	1475	1391	1515	1						
1436	1560	1476	1600	1516	1640		1					
1561	1685	1601	1725	1641	1765			1				
1686	1810	1726	1850	1766	1890				1			
1811	1935	1851	1975	1891	2015					1		
1936	2060	1976	2100	2016	2140						1	
2061	2185	2101	2225	2141	2265							1
2186	2310	2226	2350	2266	2390		1				1	
2311	2435	2351	2475	2391	2515		1					1
2436	2560	2476	2600	2516	2640				1		1	
2561	2685	2601	2725	2641	2765				1			1
2686	2810	2726	2850	2766	2890						2	
2811	2935	2851	2975	2891	3015						1	1
2936	3060	2976	3100	3016	3140		1				2	

*Effective height can be reduced by further 125 mm by shortening the chamber base

GD, RML Gradient 0 % DN 315 Effective height 590 mm		Standard Gradient 1-2 % DN 160/200 Effective height 310 mm		Standard Gradient 1-2 % DN 250/315 Effective height 435 mm		Chamber rings [mm]						
Installation depth*		Installation depth*		Installation depth*		Ring	Ring	Ring	Ring	Ring	Ring	Ring
Min. [mm]	Max. [mm]	Min. [mm]	Max. [mm]	Min. [mm]	Max. [mm]	125	250	375	500	625	750	875
1195*	1445	915	1165	1040	1290	Chamber base without chamber ring						
1446	1570	1166	1290	1291	1415	1						
1571	1695	1291	1415	1416	1540		1					
1696	1820	1416	1540	1541	1665			1				
1821	1945	1541	1665	1666	1790				1			
1946	2070	1666	1790	1791	1915					1		
2071	2195	1791	1915	1916	2040						1	
2196	2320	1916	2040	2041	2165							1
2321	2445	2041	2165	2166	2290		1				1	
2446	2570	2166	2290	2291	2415		1					1
2571	2695	2291	2415	2416	2540				1		1	
2571	2695	2291	2415	2416	2540				1			1
2821	2945	2541	2665	2666	2790						2	
2946	3070	2666	2790	2791	2915						1	1
3071	3195	2791	2915	2916	3040		1				2	

*Effective height can be reduced by further 125 mm by shortening the chamber base

09.01 AWASCHACHT PP DN 800

AWASCHACHT PP DN 800 - cone

Properties:

- shortening dimension: max. 250 mm
- without seal cone hybrid support ring DN 625

Material:

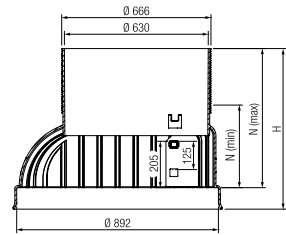
Polypropylene (PP 2300)

Colour:

Orange

Note:

- without seal cone hybrid support ring DN 625
- without element seal DN 800



Mat.-no.	Description	Effective height N_{min}	Effective height N_{max}	Height H	Weight	PG
		mm	mm	mm	kg/pc	pc
11907661100	DN 800/625, with ladder	365	615	710	21.99	3
11918331100	DN 800/625, without ladder	365	615	710	21.1	3

AWASCHACHT PP DN 1000 - cone

Material:

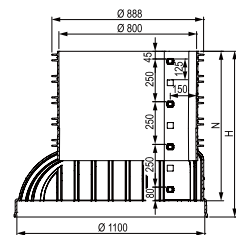
Polypropylene (PP 2300)

Colour:

Orange

Note:

- without element seal DN 1000
- without element seal DN 800



Mat.-no.	Description	Effective height N	Height H	Weight	PG
		mm	mm	kg/pc	pc
11907961100	DN 1000/800 with ladder, EH: 500 mm	500	595	28.08	4
11907861100	DN 1000/800 with ladder, EH: 875 mm	875	970	39.96	2

AWASCHACHT PP DN 800 - chamber ring

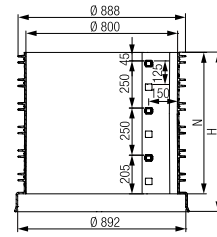
Properties:
with vertical ladder

Material:
Polypropylene (PP 2300)

Colour:
Orange

Note:

- without element seal DN 800
- inlet pipe sockets and tangential spigots as inlet above the drainage channel possible, prices on request



Mat.-no.	Description	DN/OD	Effective height N	Height H	Weight	PG
			mm	mm		
11914751100	DN 800, eff. height 125 mm, with ladder	800	125	220	7.19	18
11914651100	DN 800, eff. height 250 mm, with ladder	800	250	345	11.19	9
11914551100	DN 800, eff. height 375 mm, with ladder	800	375	470	15.58	6
11914451100	DN 800, eff. height 500 mm, with ladder	800	500	595	19.68	4
11914351100	DN 800, eff. height 625 mm, with ladder	800	625	720	23.97	3
11914251100	DN 800, eff. height 750 mm, with ladder	800	750	845	28.17	3
11914151100	DN 800, eff. height 875 mm, with ladder	800	875	970	32.46	2

AWASCHACHT PP DN 800 - chamber ring

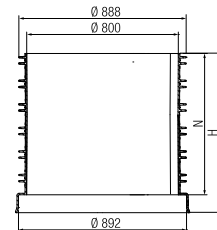
Properties:
without vertical ladder

Material:
Polypropylene (PP 2300)

Colour:
Orange

Note:

- without element seal DN 800
- inlet pipe sockets and tangential spigots as inlet above the drainage channel possible, prices on request



Mat.-no.	Description	DN/OD	Effective height N	Height H	Weight	PG
			mm	mm		
11912081001	DN 800, eff. ht. 125 mm, without ladder	800	125	220	6.5	18
11912071001	DN 800, eff. ht. 250 mm, without ladder	800	250	345	10.4	9
11911921100	DN 800, eff. ht. 375 mm, without ladder	800	375	470	14.3	6
11911931100	DN 800, eff. ht. 500 mm, without ladder	800	500	595	18.1	4
11912021001	DN 800, eff. ht. 625 mm, without ladder	800	625	720	21.9	3
11911991001	DN 800, eff. ht. 750 mm, without ladder	800	750	845	25	3
11911981001	DN 800, eff. ht. 875 mm, without ladder	800	875	970	29.6	2

**AWASCHACHT PP DN 800 - standard chamber base
gradient 0 %**

Properties:

- inlet and outlet as spigot end
- injection moulded design
- deformation-proof
- ball joint/articulated socket optional
- with level contact surface

Material:

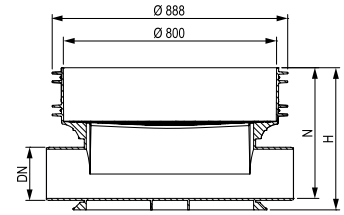
Polypropylene (PP 2300)

Colour:

Orange


Note:

- without element seal DN 800
- no lateral inlets possible



Mat.-no.	Channel shape	DN/OD	Type*1	Bending	Connection	Effective height N	Height H	Weight	PG
						mm	mm		
11920051160		160	GD	180°	spigot end	455	535	24	4
11920251200		200	GD	180°	spigot end	495	535	24.2	4
11920451250		250	GD	180°	spigot end	535	600	26.4	3
11920751315		315	GD	180°	spigot end	590	665	29.7	3
11920281001		160	AG90	90°	spigot end	455	535	24.15	4
11920291001		200	AG90	90°	spigot end	495	535	24.55	4
11920331001		250	AG90	90°	spigot end	535	600	26.775	3
11920341001		315	AG90	90°	spigot end	590	665	31.7	3
11920361001		160	AG90	270°	spigot end	455	535	24.15	4
11920371001		200	AG90	270°	spigot end	495	535	24.55	4
11920381001		250	AG90	270°	spigot end	535	600	26.775	3
11920391001		315	AG90	270°	spigot end	590	665	31.675	3
11920151160		160	RML90	90°/180°/270°	spigot end	455	535	22.8	4
11920351200		200	RML90	90°/180°/270°	spigot end	495	535	23.2	4
11920651250		250	RML90	90°/180°/270°	spigot end	535	600	25.4	3
11920851315		315	RML90	90°/180°/270°	spigot end	590	665	30.3	3
11920061001		160	RM90	180°/270°	spigot end	455	535	23.975	4
11920091001		200	RM90	180°/270°	spigot end	495	535	24.4	4
11920171001		250	RM90	180°/270°	spigot end	535	600	26.575	3
11920241001		315	RM90	180°/270°	spigot end	590	665	31.55	3
11920071001		160	ML90	90°/180°	spigot end	455	535	23.975	4
11920161001		200	ML90	90°/180°	spigot end	495	535	24.4	4
11920181001		250	ML90	90°/180°	spigot end	535	600	26.625	3
11920261001		315	ML90	90°/180°	spigot end	590	665	31.55	3
11920081001		160	RL90	90°/270°	spigot end	455	535	23.975	4
11920141001		200	RL90	90°/270°	spigot end	495	535	24.4	4
11920191001		250	RL90	90°/270°	spigot end	535	600	26.625	3
11920271001		315	RL90	90°/270°	spigot end	590	665	31.5	3

*1 AG = Angled, GD = Straight through, RML = Right center left, RM = Right center, ML = Center left, LB = Empty base

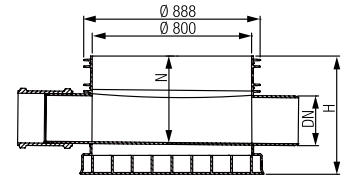
Mat.-no.	Channel shape	DN/OD	Type ^{*1}	Bending	Connection	Effective height N	Height H	Weight	PG
						mm	mm	kg/pc	pc
11911421001			LB	no channel	no connection	495	595	31.525	4
11911891001			LB	no channel	no connection	870	970	43.025	2

*1 AG = Angled, GD = Straight through, RML = Right center left, RM = Right center, ML = Center left, LB = Empty base

**AWASCHACHT PP DN 800 - standard chamber base
gradient 1 - 2 %**

Properties:

- infinite angle adjustment by $\pm 7.5^\circ$ horizontally or vertically
- with level contact surface
- welded variant as spigot end possible



Material:

Polypropylene (PP 2300)

Colour:








Orange

Note:

- without element seal DN 800
- no lateral inlets possible

Mat.-no.	Channel shape	DN/OD	Type ^{*1}	Bending	Connection	Effective height N	Height H	Weight	PG
						mm	mm		
11911381001		160	GD	180°	ball joint	310	470	41.794	4
11911571001		200	GD	180°	ball joint	310	470	43.842	4
11911721001		250	GD	180°	articulated socket	435	595	52.275	4
11911831001		315	GD	180°	articulated socket	435	595	60.561	4
11911391001		160	AG15	165°	ball joint	310	470	48.515	4
11911581001		200	AG15	165°	ball joint	310	470	50.563	4
11911731001		250	AG15	165°	articulated socket	435	595	52.275	4
11911841001		315	AG15	165°	articulated socket	435	595	60.461	4
11911391100		160	AG15	195°	ball joint	310	470	48.515	4
11911581100		200	AG15	195°	ball joint	310	470	50.563	4
11911731100		250	AG15	195°	articulated socket	435	595	52.275	4
11911841100		315	AG15	195°	articulated socket	435	595	60.461	4
11911431001		160	AG30	150°	ball joint	310	470	48.514	4
11911591001		200	AG30	150°	ball joint	310	470	50.563	4
11911741001		250	AG30	150°	articulated socket	435	595	52.275	4
11911871001		315	AG30	150°	articulated socket	435	595	60.462	4
11911431100		160	AG30	210°	ball joint	310	470	48.514	4
11911591100		200	AG30	210°	ball joint	310	470	50.563	4
11911741100		250	AG30	210°	articulated socket	435	595	52.275	4
11911871100		315	AG30	210°	articulated socket	435	595	60.462	4
11911471001		160	AG45	135°	ball joint	310	470	48.515	4
11911621001		200	AG45	135°	ball joint	310	470	50.563	4
11911771001		250	AG45	135°	articulated socket	435	595	52.277	4
11911881001		315	AG45	135°	articulated socket	435	595	60.461	4
11911471100		160	AG45	225°	ball joint	310	470	48.515	4
11911621100		200	AG45	225°	ball joint	310	470	50.563	4
11911771100		250	AG45	225°	articulated socket	435	595	52.277	4
11911881100		315	AG45	225°	articulated socket	435	595	60.461	4

^{*1} AG = Angled, GD = Straight through, RML = Right center left, RM = Right center, ML = Center left, LB = Empty base

Mat.-no.	Channel shape	DN/OD	Type*1	Bending	Connection	Effective height N	Height H	Weight	PG
						mm	mm	kg/pc	pc
11911481001		160	AG60	120°	ball joint	310	470	48.515	4
11911631001		200	AG60	120°	ball joint	310	470	50.562	4
11911781001		250	AG60	120°	articulated socket	435	595	52.275	4
11911971001		315	AG60	120°	articulated socket	435	595	60.461	4
11911481100		160	AG60	240°	ball joint	310	470	48.515	4
11911631100		200	AG60	240°	ball joint	310	470	50.562	4
11911781100		250	AG60	240°	articulated socket	435	595	52.275	4
11911971100		315	AG60	240°	articulated socket	435	595	60.461	4
11911491001		160	AG75	105°	ball joint	310	470	48.515	4
11911641001		200	AG75	105°	ball joint	310	470	50.562	4
11911791001		250	AG75	105°	articulated socket	435	595	56.258	4
11911491100		160	AG75	255°	ball joint	310	470	48.515	4
11911641100		200	AG75	255°	ball joint	310	470	50.562	4
11911791100		250	AG75	255°	articulated socket	435	595	56.258	4
11911521001		160	AG90	90°	ball joint	310	470	48.514	4
11911671001		200	AG90	90°	ball joint	310	470	46.582	4
11911941001		250	AG90	90°	articulated socket	435	595	56.257	4
11911521100		160	AG90	270°	ball joint	310	470	48.514	4
11911671100		200	AG90	270°	ball joint	310	470	46.582	4
11911941100		250	AG90	270°	articulated socket	435	595	56.257	4
11911541001		160	RML45	135°/180°/225°	ball joint	310	470	52.889	4

*1 AG = Angled, GD = Straight through, RML = Right center left, RM = Right center, ML = Center left, LB = Empty base

AWASCHACHT PP DN 800 - project-specific bases

Application:

gradient variable from 1 - 10 % (DN 110 - 400), additional price for gradient > 10 %.

Properties:

- infinite angle adjustment by $\pm 7.5^\circ$ horizontally or vertically
- with level contact surface
- articulated inlets including permanently fitted EPDM sealing rings (DN 160 - 315), outlet as spigot end
- welded variant as spigot end possible

Material:

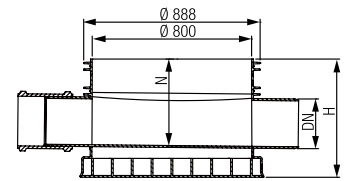
Polypropylene (PP 2300)

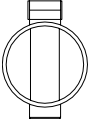
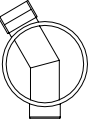
Colour:

Orange

Note:

- without element seal DN 800
- lateral inlets possible, price and feasibility on request



Mat.-no.	Channel shape	DN/OD	Type*1	Bending	Gradient	Effective height N	Height H	Weight	PG
						mm	mm		
19808001110		110	GD	180°	1-10 %	310	470	30	4
19808001125		125	GD	180°	1-10 %	310	470	32	4
19808001160		160	GD	180° (+/- 7,5°)	1-10 %	310	470	33	4
19808001200		200	GD	180° (+/- 7,5°)	1-10 %	310	470	34	4
19808001250		250	GD	180° (+/- 7,5°)	1-10 %	435	595	40	4
19808001315		315	GD	180° (+/- 7,5°)	1-10 %	435	595	42	4
19808001400		400	GD	180°	1-10 %	560	625	46	4
19818001110			110	AG	variable	1-10 %	310	470	30
19818001125	125		AG	variable	1-10 %	310	470	32	4
19818001160	160		AG	variable (+/- 7,5)	1-10 %	310	470	33	4
19818001200	200		AG	variable (+/- 7,5)	1-10 %	310	470	34	4
19818001250	250		AG	variable (+/- 7,5)	1-10 %	435	595	40	4
19818001315	315		AG	135°-225° (+/- 7,5)	1-10 %	435	595	42	4
19818001400	400		AG	150° - 210°	1-10 %	560	625	46	4

*1 AG = Angled, GD = Straight through, RML = Right center left, RM = Right center, ML = Center left, LB = Empty base

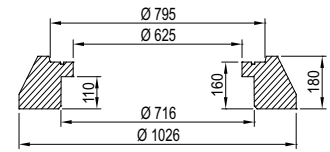
09.02 Support area

AWASCHACHT PP polymer bearing ring

Application:
for commercially available BEGU covers according to EN 124

Material:
Polymer

Colour:
Grey



Mat.-no.	Description	DN/OD	Weight kg/pc	PG pc
11904281001	DN 625, for AWAS 1000/800	625	47	10

Accessories polymer support ring

Application:
special accessories for polymer support ring, seal for cone-polymer support ring connection, mortar for connection to commercially available BEGU covers according to EN 124

Mat.-no.	Description	Weight	PG
11904491001	DN 625, cone - polymer bearing ring	400 g/pc	1
11904731001	type VANDEX f. polymer bearing ring	25 kg/pc	1

AWASCHACHT hybrid support ring

Application:
for commercially available BEGU covers according to EN 124

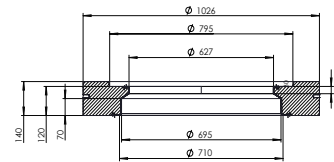
Material:
Concrete, with polymer inner surface

Colour:

- ring, Grey
- interior surface, Orange

Note:

- Especially for waste water manholes for visual differentiation.
- without seal cone hybrid support ring DN 625



Mat.-no.	Description	DN/OD	Weight kg/pc	PG pc
11914641001	DN 625, for AWAS 1000/800, orange f. WW	625	144	7

124

AWASCHACHT PP hybrid support ring

Application:
for commercially available BEGU covers according to EN 124

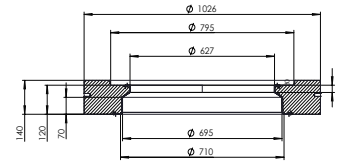
Material:
Concrete, with polymer inner surface

Colour:

- ring, Grey
- inner surface, Blue

Note:

- Especially for waste water manholes for visual differentiation.
- without seal cone hybrid support ring DN 625



Mat.-no.	Description	DN/OD	Weight kg/pc	PG pc
11914661001	DN 625, for AWAS 1000/800, blue f. RW	625	144	7

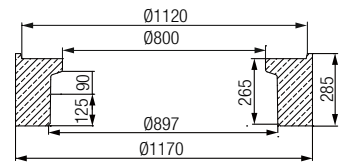
AWASCHACHT PP concrete bearing ring

Application:
for commercially available BEGU covers according to EN 124

Material:
Concrete

Colour:
Grey

Note:
without element seal DN 800



Mat.-no.	Description	DN/OD	Weight kg/pc	PG pc
11908631001	DN 800, f. covers DN 800	800	300	3

AWASCHACHT PP concrete bearing ring Viatop

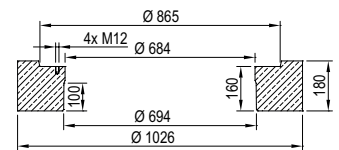
Application:
for Viatop niveau cover

Properties:
consistent > 680 mm internally

Material:
Concrete

Colour:
Grey

Note:
without seal cone concrete ring / cast cover



Mat.-no.	Description	DN/OD	Weight kg/pc	PG pc
11900361001	Viatop for DN 1000/800/600 (type F)	625	185	7

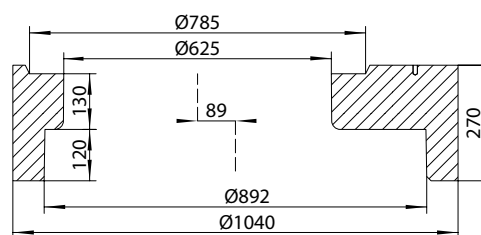
AWASCHACHT PP concrete cover plate

Application:
for commercially available BEGU covers according to
EN 124

Material:
Concrete

Colour:
Grey

Note:
without element seal



Mat.-no.	Description	Weight	PG
		kg/pc	pc
11908881001	DN 625, for AWASCHACHT DN 800	650	2

AWASCHACHT PP cast iron cover

Application:
for direct support on cone 1000/625 or 800/625

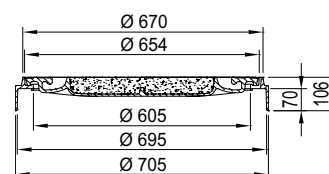
Properties:
class B 125 with cast concrete cover

Material:
Cast/Concrete

Colour:

- interior surface, Grey
- housing outside, Black

Note:
not compatible with concrete and polymer bearing ring



Mat.-no.	Description	DN/OD	Di	Da	Effective height N	Height H	Weight	PG
			mm	mm				
11902481001	DN 625, type: B 125	625	605	705	35	106	77	12
11902571001	DN 625, type: B 125 V	625	605	705	35	106	62	12
11902581001	DN 625, type: B 125 TGW	625	605	705	35	106	77	12

09.03 Seals

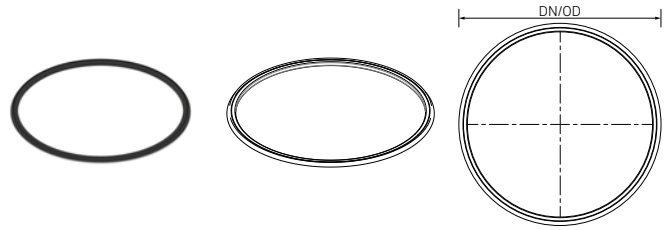
AWASCHACHT PP element seal

Material:

Ethylene-propylene diene monomer rubber (EPDM)

Colour:

Black



Mat.-no.	Description	DN/OD	Weight kg/pc	PG pc
11915591001	element seal DN 800	800	2.03	1
11915581001	element seal DN 1000	1000	2.66	1
11904931001	DN 1000, type M	1000	2.6	1

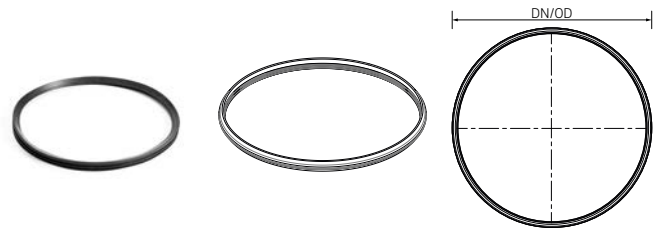
AWASCHACHT PP cone concrete ring

Material:

Ethylene-propylene diene monomer rubber (EPDM)

Colour:

Black



Mat.-no.	Description	DN/OD	Weight g/pc	PG pc	PG pc/Pal
11906451001	DN 625, cone - bearing ring/iron cover	625	940	1	250

AWASCHACHT PP Konus-Dichtung

Material:

Ethylene-propylene diene monomer rubber (EPDM)

Colour:

Black



Mat.-no.	Description	DN/OD	Weight g/pc	PG pc	PG pc/PF
11915631001	DN 625, cone - bearing ring, iron cover	625	1020	1	250

09.04 Accessories

AWASCHACHT entry aid with safety handle

Mat.-no.	Description	Length L	Weight	PG
		m	kg/pc	pc
11906251001	with safety handle, length ca. 1,60 m	1.6	3.5	1

AWASCHACHT sleeve for entry aid



Mat.-no.	Description	Weight	PG
		kg/pc	pc
11906351200	without instal. ID: 38mm (type Zarges)	2.49	1

AWASCHACHT special entry step



Mat.-no.	Description	Weight	PG
		g/pc	pc
11910751001	for cone DN 1000/625 made of GRP	200	1
11912141001	for cone DN 800/625 made of GRP	367	1

Rope loop M12 for concrete bearing ring



Mat.-no.	Description	Weight	PG
		g/pc	pc
11902771001	thread M12, for bearing ring DN 625	200	1

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Lubricant

Application:
for socket coupler connection



Mat.-no.	Description	Weight g/pc	PG pc
11088101001	5000 ml	5000	1

09.05 Fittings

AWADUKT PP ball joint

Properties:

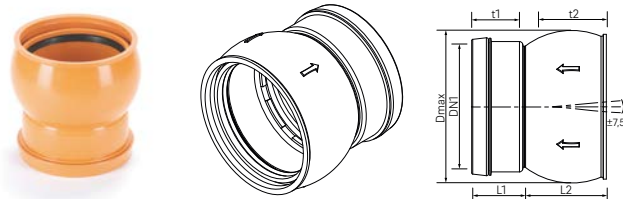
- infinite angle adjustment by $\pm 7.5^\circ$ horizontally or vertically
- with EPDM seals

Material:

Polypropylene (PP 2300)

Colour:

Orange



Mat.-no.	Description	DN/OD	D _{max} mm	t mm	t2 mm	Length L1 mm	Length L2 mm	Weight kg/pc	PG pc
160									
11760451001	DN 160 socket/socket	160	210	69	98	76	127	1.265	72
11760551001	DN 160 socket/spigot	160	210	0	98	88	127	1.207	92
200									
11725551001	DN 200 socket/socket	200	253	78	110	105	146	1.959	45
11725651001	DN 200 socket/spigot	200	253	0	110	95	146	1.886	45

AWADUKT PP double socket vario

Properties:

- infinite angle adjustment by $\pm 7.5^\circ$ horizontally or vertically
- with EPDM seals

Type:

KGMM vario

Material:

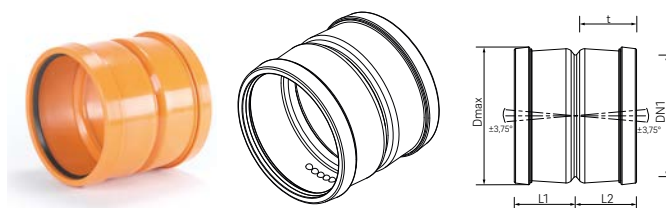
Polypropylene (PP 2300)

Colour:

Orange

Note:

delivery socket/spigot end includes double socket with pipe section



Mat.-no.	Description	DN/OD	t mm	D _{max} mm	Length L1 mm	Length L2 mm	Weight kg/pc	PG pc
250								
11760751001	DN 250 socket/socket	250	105	286	127	127	1.92	32
11761171001	DN 250 socket/spigot	250	105	286	127	527	5.202	10
315								
11760851001	DN 315 socket/socket	315	120	357	146	146	3.307	16
11761181001	DN 315 socket/spigot	315	120	357	146	570	9.306	6

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AWADOCK hole saw

Application:

for tapping polymer pipes and chambers, including hole saw retainer, drill chuck, centre drill with ejector

Components:

packed in a tool case



Mat.-no.	Description	Diameter D	Weight	PG
		mm	kg/pc	pc
11900281001	for polymer pipes and chambers, 200 mm	200	3.5	1
11904571001	for polymer pipes and chambers, 250 mm	250	4.5	1

AWADOCK to AWASCHACHT

Application:

connection of PVC and PP sewer pipes to AWASCHACHT
PP DN 800 and DN 1000

Material:

- Ethylene-propylene diene monomer rubber (EPDM)
- Polypropylene (PP)

Colour:

- screw crown, Green
- gasket, Black

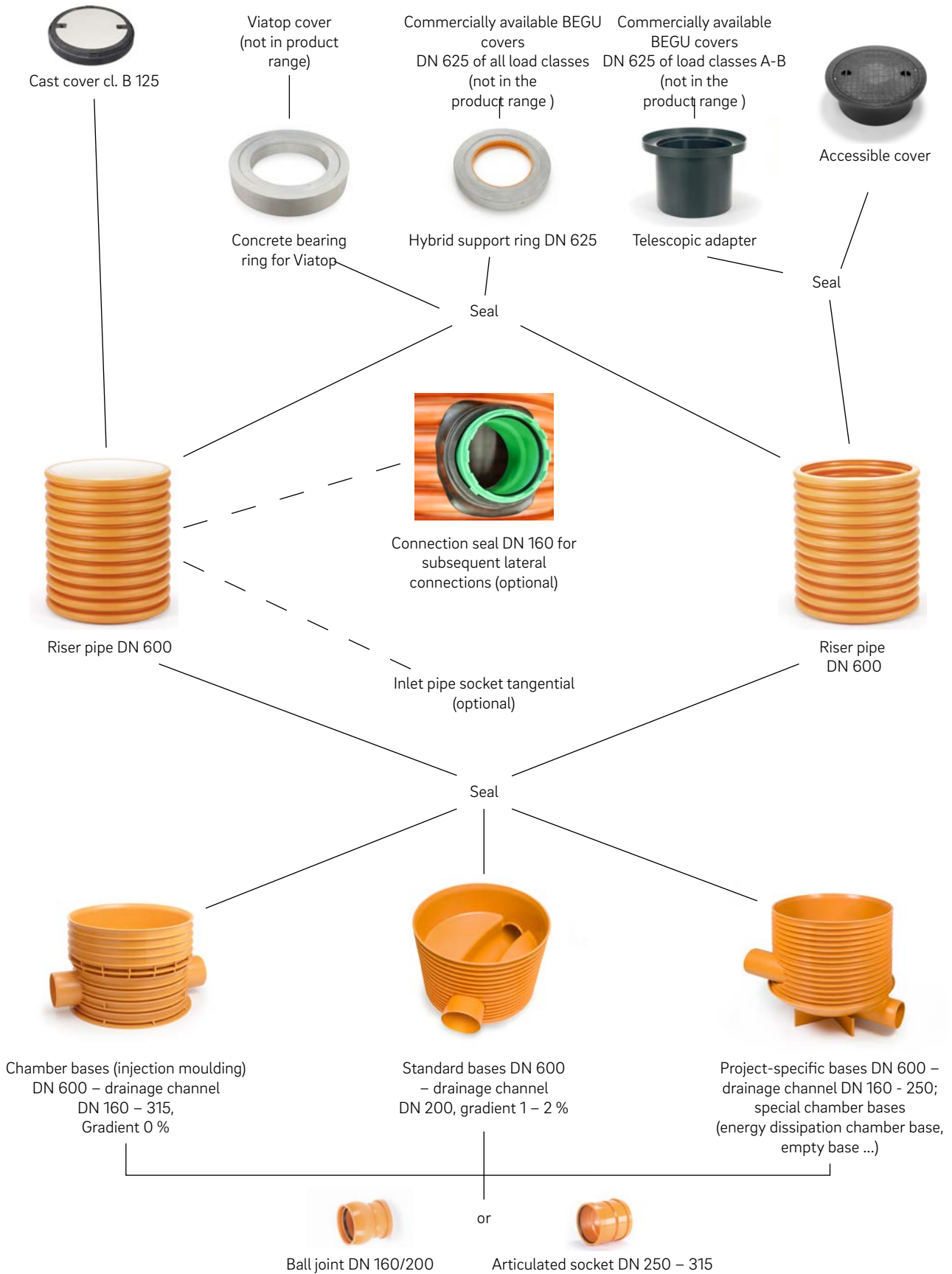


Mat.-no.	Description	Type	DN/OD	Borehole	Length tip end	Weight	PG
				mm	mm		
160							
11903651600	Polymer DN160 to AWASCHACHT	standard	160	200	0	1.61	1
11911751600	Polymer DN160 to AWASCHACHT 800/1000	K/U	160	200	60	1.711	1
200							
11913451600	Polymer DN200 to AWASCHACHT 800/1000	standard	200	250	0	2.371	1
11913551600	Polymer DN200 to AWASCHACHT 800/1000	K/U	200	250	60	2.41	1



10 AWASCHACHT PP DN 600
Chamber for cleaning and inspection

Components for AWASCHACHT PP DN 600



Installation matrix for AWASCHACHT PP DN 600

with hybrid support ring for cover class D400/RML

Riser pipe length [mm]	DN 600/160 GD or RML installation depth ^{1) 5)} [mm]	DN 600/200 GD or RML installation depth ^{1) 5)} [mm]	DN 600/200 AG installation depth ²⁾ [mm]	DN 600/250 GD or RML installation depth ^{1) 5)} [mm]
700	880-1250	920-1290	870-1230	960-1330
1000	1251-1550	1291-1590	1231-1530	1331-1630
1200	1551-1750	1591-1790	1531-1730	1631-1830
1500	1751-2050	1791-2090	1731-2030	1831-2130
2000	2051-2550	2091-2590	2031-2530	2131-2630
3000	2551-3550	2591-3591	2531-3530	2631-3630

with hybrid support ring for cover class D400

Riser pipe length [mm]	DN 600/315 GD or RML installation depth ^{1) 5)} [mm]	DN 600/400 GD installation depth ^{1) 5)} [mm]
700	1015-1385	1060-1430
1000	1386-1685	1431-1730
1200	1686-1885	1731-1930
1500	1886-2185	1931-2230
2000	2186-2685	2231-2730
3000	2686-3685	2731-3730

with telescopic adapter for cover class B125

Riser pipe length [mm]	DN 600/160 GD or RML installation depth ²⁾ [mm]	DN 600/200 GD or RML installation depth ²⁾ [mm]	DN 600/200 AG installation depth ²⁾ [mm]	DN 600/250 GD or RML installation depth ²⁾ [mm]
700	685- 895 ³⁾	685- 895 ³⁾	725- 895 ³⁾	785- 995 ³⁾
	896-1175 ⁴⁾	896-1175 ⁴⁾	896-1175 ⁴⁾	996-1275 ⁴⁾
	1176-1425	1176-1425	1176-1375	1276-1525
1000	1426-1675	1426-1675	1376-1675	1526-1775
1200	1676-1925	1676-1925	1676-1875	1776-2025
1500	1926-2175	1926-2175	1876-2175	2026-2275
2000	2176-2675 ⁵⁾	2176-2675 ⁵⁾	2176-2675 ⁵⁾	2276-2775 ⁵⁾
3000	2676-3675 ⁵⁾	2676-3675 ⁵⁾	2676-3675 ⁵⁾	2776-3775 ⁵⁾

Riser pipe length [mm]	DN 600/315 GD or RML installation depth ²⁾ [mm]	DN 600/400 GD installation depth ²⁾ [mm]
700	815-1025 ³⁾	835-1045 ³⁾
	1026-1305 ⁴⁾	1046-1325 ⁴⁾
	1306-1555	1326-1575
1000	1556-1805	1576-1825
1200	1806-2055	1826-2075
1500	2056-2305	2076-2325
2000	2306-2805 ⁵⁾	2326-2825 ⁵⁾
3000	2806-3805 ⁵⁾	2826-3825 ⁵⁾

¹⁾ incl. cover cl. D400; height: 160 mm; 10 mm mortar joint between cover and hybrid support ring; minimum 70 mm and maximum 130 mm overlap between hybrid support ring and riser pipe

²⁾ incl. cover Kl. B125; height: 125 mm; 50 mm distance between telescopic adapter and riser pipe

³⁾ shorten telescope on site by 220 mm at the shaft and shorten riser tube on site to 210 mm to 420 mm as required

⁴⁾ shorten riser pipe to 420 mm to 700 mm as required on site

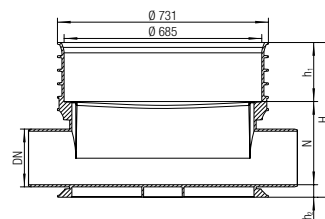
⁵⁾ shorten riser pipe as required; make saw cuts on shaft crest

10.01 AWASCHACHT PP DN 600

AWASCHACHT PP DN 600 - standard chamber base
gradient 0 %

Properties:

- inlet and outlet as spigot end or sleeve
- injection moulded design
- deformation-proof
- with level contact surface
- ball joint/articulated socket optional



Material:

Polypropylene (PP 2300)

Colour:

Orange

Note:

without element seal DN 600

Mat.-no.	Channel shape	DN/OD	Type*1	Bending	Connection	Effective height N	Height H	Weight	PG
						mm	mm		
11920951160		160	GD	180°	spigot end	250	536	19.8	4
11921151200		200	GD	180°	spigot end	290	536	20	4
11921351250		250	GD	180°	spigot end	330	600	22.4	3
11921551315		315	GD	180°	spigot end	385	664	25.7	3
11901961001		400	GD	180°	sleeve	430	710	24	4
11913091001		160	AG30	150° or 210°	sleeve	260	556	23	4
11913141001		200	AG30	150° or 210°	sleeve	280	556	25	4
11913171001		160	AG45	135° or 225°	sleeve	260	556	23	4
11913181001		200	AG45	135° or 225°	sleeve	280	556	25	4
11913231001		160	AG60	120° or 240°	sleeve	260	556	23	4
11913241001		200	AG60	120° or 240°	sleeve	280	556	25	4
11913271001		160	AG90	90°	sleeve	260	556	23	4
11913281001		200	AG90	90°	sleeve	280	556	25	4
11920661001		250	AG90	90°	spigot end	330	710	23.075	4
11920671001		315	AG90	90°	spigot end	385	710	27.7	4
11913271001		160	AG90	270°	sleeve	260	556	23	4
11913281001		200	AG90	270°	sleeve	280	556	25	4
11920731001		250	AG90	270°	spigot end	330	710	23.075	3
11920741001		315	AG90	270°	spigot end	385	710	27.7	3
11921051160		160	RML90	90° / 180° / 270°	spigot end	250	560	19	4
11921251200		200	RML90	90° / 180° / 270°	spigot end	285	560	19	4
11921451250		250	RML90	90° / 180° / 270°	spigot end	330	710	21.7	6
11921651315		315	RML90	90° / 180° / 270°	spigot end	385	710	26.3	6

*1 AG = Angled, GD = Straight through, RML = Right center left, RM = Right center, ML = Center left, LB = Empty base

Mat.-no.	Channel shape	DN/OD	Type*1	Bending	Connection	Effective height N	Height H	Weight	PG
						mm	mm		
11913291001		160	RM90	180° / 270°	sleeve	260	556	21.5	4
11913341001		200	RM90	180° / 270°	sleeve	280	556	25	4
11920461001		250	RM90	180° / 270°	spigot end	330	710	22.875	6
11920471001		315	RM90	180° / 270°	spigot end	385	710	27.55	6
11913371001		160	ML90	90° / 180°	sleeve	260	556	23	4
11913381001		200	ML90	90° / 180°	sleeve	280	556	25	4
11920531001		250	ML90	90° / 180°	spigot end	330	710	22.875	3
11920541001		315	ML90	90° / 180°	spigot end	385	710	27.55	3
11920561001		160	RL90	90° / 270°	spigot end	250	560	20.175	4
11920571001		200	RL90	90° / 270°	spigot end	290	560	20.2	4
11920581001		250	RL90	90° / 270°	spigot end	330	710	22.875	3
11920591001		315	RL90	90° / 270°	spigot end	385	710	27.5	3
11900881001			LB	no channel	no connection	268	618	20	8

*1 AG = Angled, GD = Straight through, RML = Right center left, RM = Right center, ML = Center left, LB = Empty base

AWASCHACHT PP DN 600 - project-specific bases

Properties:

- slope maximum 1 %
- with level contact surface
- bottom with individually angled drainage channel

Material:

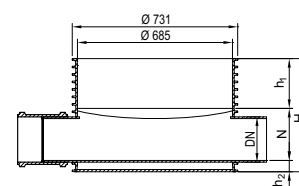
Polypropylene (PP 2300)

Colour:

Orange

Note:

- without element seal DN 600
- no lateral inlets possible
- convertibility of the angling on request



Mat.-no.	Channel shape	DN/OD	Type*1	Bending	Effective height N	Height H	Weight	PG
					mm	mm		
19806001110		110	GD	180°	230	500	30	4
19806001125		125	GD	180°	230	500	32	4
19806001160		160	GD	180° (+/- 7,5°)	230	500	33	4
19806001200		200	GD	180° (+/- 7,5°)	230	500	34	4
19806001250		250	GD	180° (+/- 7,5°)	230	500	38	4
19806001315		315	GD	180° (+/- 7,5°)	230	500	40	4
19816001110		110	AG	150° - 210°	230	500	30	4
19816001125		125	AG	150° - 210°	230	500	32	4
19816001160		160	AG	150°-210° (+/- 7,5°)	230	500	33	4
19816001200		200	AG	150°-210° (+/- 7,5°)	230	500	34	4
19816001250		250	AG	150°-210° (+/- 7,5°)	230	500	38	4

*1 AG = Angled, GD = Straight through, RML = Right center left, RM = Right center, ML = Center left, LB = Empty base

AWASCHACHT PP DN 600 - riser pipe

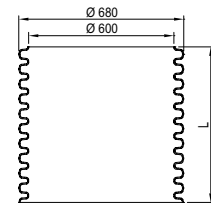
Properties:
corrugated inside and outside

Material:
Polypropylene (PP 2300)

Colour:
Orange

Note:

- inlet pipe sockets and tangential spigots as inlet above the drainage channel possible, prices on request
- pour embout au-dessus, tube montant avec InLiner nécessaire



Mat.-no.	Description	ID mm	Construction length BL mm	Weight kg/pc	PG pc
11900561001	DN 600, length 700 mm, without Inliner	600	700	7.7	2
11900661001	DN 600, length 1000 mm, without Inliner	600	1000	11	2
11900761001	DN 600, length 1200 mm, without Inliner	600	1200	13.2	2
11900861001	DN 600, length 1500 mm, without Inliner	600	1500	16.5	2
11900961001	DN 600, length 2000 mm, without Inliner	600	2000	22	2
11902361001	DN 600, length 3000 mm, without Inliner	600	3000	33	2
11901261001	DN 600, length 6000 mm, without Inliner	600	6000	66	2

AWASCHACHT PP DN 600 - riser pipe

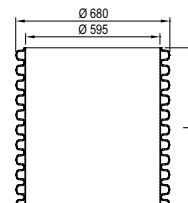
Properties:
smooth inside, corrugated outside

Material:
Polypropylene (PP 2300)

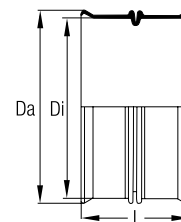
Colour:
Orange

Note:

inlet pipe sockets and tangential spigots as inlet above the drainage channel possible, prices on request



Mat.-no.	Description	ID mm	Construction length BL mm	Weight kg/m	PG pc
11900941001	DN 600, length 6000 mm, with Inliner	595	6000	28	2

AWASCHACHT PP DN 600 - connecting sleeve for riser pipes

Mat.-no.	Description	Weight kg/pc	PG pc
11902281001	DN 600 for connection of rising pipes	25	12

10.02 Support area

AWASCHACHT PP accessible cover

Application:
for direct support on DN 600 riser pipes

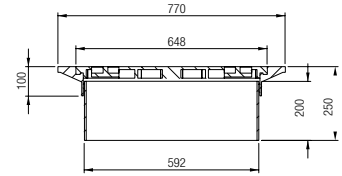
Properties:
loadable up to 200 kg, TÜV-tested

Components:
including lock, non-skid surface

Material:
Polymer

Colour:
Black

- Note:
- not compatible with hybrid support ring or telescope adapter
 - seal for telescope adapter necessary



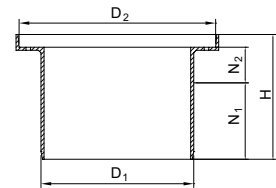
Mat.-no.	Description	Effective height N_{min} mm	Effective height N_{max} mm	Weight kg/pc	PG pc
11904761001	resilient to 200 kg incl. catch	100	200	10	8

AWASCHACHT PP telescopic adapter

Material:
Polypropylene (PP 2300)

Colour:
Black

Note:
flexible height adjustment of up to 30 cm possible on site



Mat.-no.	Effective height N_{min} mm	Effective height N_{max} mm	Height H mm	D_1 mm	D_2 mm	Weight kg/pc	PG pc
11909971001	140	300	490	590	770	9.71	4
11909981001	140	300	490	590	770	10.91	4

AWASCHACHT PP hybrid support ring

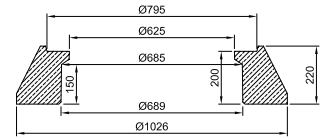
Application:
for commercially available BEGU covers according to EN 124

Material:
Concrete, with polymer inner surface

Colour:

- ring, Grey
- interior surface, Orange

Note:
without element seal DN 600



Mat.-no.	Description	DN/OD	Weight kg/pc	PG pc
11914671001	DN 625, for AWAS 600, orange f. WW	625	195	7

AWASCHACHT PP hybrid support ring

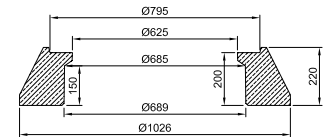
Application:
for commercially available BEGU covers according to EN 124

Material:
Concrete, with polymer inner surface

Colour:

- ring, Grey
- inner surface, Blue

Note:
without element seal DN 600



Mat.-no.	Description	DN/OD	Weight kg/pc	PG pc
11914681001	DN 625, for AWAS 600, blue f. RW	625	195	7

AWASCHACHT PP concrete bearing ring Viatop

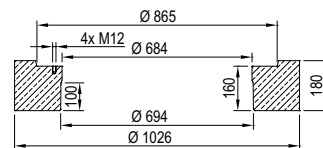
Application:
for Viatop niveau cover

Properties:
consistent > 680 mm internally

Material:
Concrete

Colour:
Grey

Note:
without seal cone concrete ring / cast cover



Mat.-no.	Description	DN/OD	Weight kg/pc	PG pc
11900361001	Viatop for DN 1000/800/600 (type F)	625	185	7

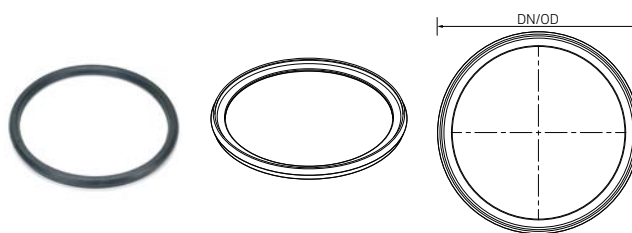
10.03 Seals

AWASCHACHT PP element seal

Application:
for connection of riser pipe to shaft bottom or to concrete support ring

Material:
Ethylene-propylene diene monomer rubber (EPDM)

Colour:
Black



Mat.-no.	Description	DN/OD	Weight kg/pc	PG pc
11922561001	DN 600, type P	600	2	1

AWASCHACHT seal for telescopic adapter

Note:
seal for telescopic adapter and walk-on polymer cover



Mat.-no.	Description	DN/OD	Weight kg/pc	PG pc
11902461001	DN 600, for telescopic adapter - pipe	600	2	1

140

10.04 Accessories

Rope loop M12 for concrete bearing ring



Mat.-no.	Description	Weight g/pc	PG pc
11902771001	thread M12, for bearing ring DN 625	200	1

Lubricant

Application:
for socket coupler connection



Mat.-no.	Description	Weight	PG pc
11765201003	250 ml	250 g/pc	50
11729601003	500 ml	500 g/pc	24
11787501001	1000 ml	1 kg/pc	1
11088101001	5000 ml	5000 g/pc	1

10.05 Fittings

AWADOCK composite pipe

Application:
connection of PVC and PP sewer pipes to composite sewer pipes according to DIN 13476-3

Components:
lubricant included

Material:

- Elastomer (SBR)
- Polypropylene (PP)

Colour:

- screw crown, Green
- gasket, Black



Mat.-no.	Type	DN/OD	Main pipe DN/OD min.	Main pipe DN/ID/OD max.	Borehole mm	Profile height Min. mm	Profile height Max. mm	Weight kg/pc
160								
11917901160	B	160	DN OD 500	DN ID 800	200	33	70	2.123

AWADOCK hole saw

Application:
for tapping polymer pipes and chambers, including hole saw retainer, drill chuck, centre drill with ejector

Components:
packed in a tool case



Mat.-no.	Description	Diameter D mm	Weight kg/pc	PG pc
11900281001	for polymer pipes and chambers, 200 mm	200	3.5	1

AWADUKT PP ball joint

Properties:

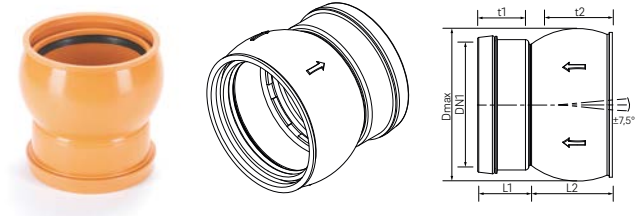
- infinite angle adjustment by $\pm 7.5^\circ$ horizontally or vertically
- with EPDM seals

Material:

Polypropylene (PP 2300)

Colour:

Orange



Mat.-no.	Description	DN/OD	D _{max} mm	t mm	t2 mm	Length L1 mm	Length L2 mm	Weight kg/pc	PG pc
160									
11760451001	DN 160 socket/socket	160	210	69	98	76	127	1.265	72
11760551001	DN 160 socket/spigot	160	210	0	98	88	127	1.207	92
200									
11725551001	DN 200 socket/socket	200	253	78	110	105	146	1.959	45
11725651001	DN 200 socket/spigot	200	253	0	110	95	146	1.886	45

AWADUKT PP double socket vario

Properties:

- infinite angle adjustment by $\pm 7.5^\circ$ horizontally or vertically
- with EPDM seals

Type:

KGMM vario

Material:

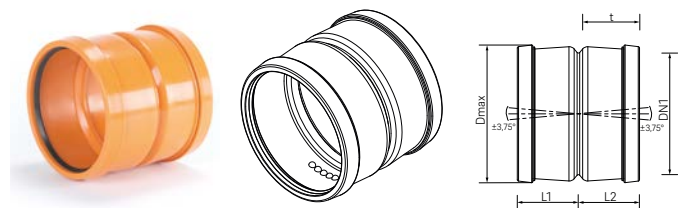
Polypropylene (PP 2300)

Colour:

Orange

Note:

delivery socket/spigot end includes double socket with pipe section



Mat.-no.	Description	DN/OD	t mm	D _{max} mm	Length L1 mm	Length L2 mm	Weight kg/pc	PG pc
250								
11760751001	DN 250 socket/socket	250	105	286	127	127	1.92	32
11761171001	DN 250 socket/spigot	250	105	286	127	527	5.202	10
315								
11760851001	DN 315 socket/socket	315	120	357	146	146	3.307	16
11761181001	DN 315 socket/spigot	315	120	357	146	570	9.306	6



11 **AWASCHACHT PP**

Special solutions

Special chambers

For every application - overview

A sewer network provides a number of great challenges. These can not always be overcome with simple solutions. The AWASCHACHT family provides solutions for standard chambers as well as special areas of application in order to prevent expensive chamber renovations.



Water metre chamber

For the installation of several metre units



Chamber-in-chamber renovation

Durable and effective renovation of old manholes



TWINSCHACHT

For waste water and stormwater in one chamber



Waterflush

Self-contained flushing system for ducts



smartAWASCHACHT

Customized solution for complicated construction sites and channel situations



Chamber bases DN 1200/1500 Für For large drainage channel diameters and several lateral inlets

11.01 AWASCHACHT PP

Energy Conversion Chamber

AWASCHACHT PP Base DN 1000 – power conversion or pressure release chamber with spherical base with level contact surface, spherical base, discharge as spigot end without element seal DN 1000/800/600
Material: PP 2300
Colour: Orange



Chamber [DN]	Outlet [DN]	Effective height N [mm]	Height H mm	Weight kg/pc
600	110	431	701	18
600	125	431	701	18
800	160	431	701	18
800	160	310	470	32
1000	200	310	470	33
1000	160	435	605	81
1000	200	435	605	83
1000	250	435	605	85
1000	315	435	605	88
1000	400	935	1105	125
1000	500	935	1105	125

Tangential connecting branch (RST) as inlet for energy conversion chamber or pressure release chamber with spherical base, Gradient: Max. 15 %

Chamber [DN]	Inlet [DN]
1000 + 800 + 600	50*
1000 + 800 + 600	63*
1000 + 800 + 600	75*
1000 + 800 + 600	90*
1000 + 800 + 600	110*
1000 + 800 + 600	125**
1000 + 800 + 600	160**
1000 + 800 + 600	200**
1000 + 800 + 600	250**
1000 + 800 + 600	315**
1000 + 800 + 600	400**
1000 + 800 + 600	500**



* Transitions from PP tangential connecting branches to pressure pipeline (PE, etc.) using Plasson coupler

** Transitions from PP tangential connecting branches to pressure pipeline (PE, etc.) using a tension-proof socket coupler

Transitions from PP tangential connecting branches to pressure pipe (PE, etc.) on request.

Chamber bases, chamber rings and cones DN 1000 can be found in „Product range AWASCHACHT PP DN 1000“.

Chamber bases, chamber rings and cones DN 800 can be found in „Product range AWASCHACHT PP DN 800“.

Chamber bases, chamber rings and cones DN 600 can be found in „Product range AWASCHACHT PP DN 600“.

Pressure Release Chamber

AWASCHACHT PP Base DN 1000 – power conversion or pressure release chamber with spherical base with level contact surface, spherical base, discharge as spigot end without element seal DN 1000/800/600
Material: PP 2300
Colour: Orange



Chamber [DN]	Outlet [DN]	Effective height N [mm]	Height H mm	Weight kg/pc
600	110	431	701	18
600	125	431	701	18
800	160	431	701	18
800	160	310	470	32
1000	200	310	470	33
1000	160	435	605	81
1000	200	435	605	83
1000	250	435	605	85
1000	315	435	605	88
1000	400	935	1105	125
1000	500	935	1105	125

Tangential connecting branch (RST) as inlet for energy conversion chamber or pressure release chamber with spherical base, Gradient: Max. 15 %

Chamber [DN]	Inlet [DN]
1000 + 800 + 600	50*
1000 + 800 + 600	63*
1000 + 800 + 600	75*
1000 + 800 + 600	90*
1000 + 800 + 600	110*
1000 + 800 + 600	125**
1000 + 800 + 600	160**
1000 + 800 + 600	200**
1000 + 800 + 600	250**
1000 + 800 + 600	315**
1000 + 800 + 600	400**
1000 + 800 + 600	500**



* Transitions from PP tangential connecting branches to pressure pipeline (PE, etc.) using Plasson coupler

** Transitions from PP tangential connecting branches to pressure pipeline (PE, etc.) using a tension-proof socket coupler

Transitions from PP tangential connecting branches to pressure pipe (PE, etc.) on request.

Chamber bases, chamber rings and cones DN 1000 can be found in „Product range AWASCHACHT PP DN 1000“.

Chamber bases, chamber rings and cones DN 800 can be found in „Product range AWASCHACHT PP DN 800“.

Chamber bases, chamber rings and cones DN 600 can be found in „Product range AWASCHACHT PP DN 600“.

11.02 AWASCHACHT PP

AWASCHACHT PP Base DN 1000 - energy dissipation or pressure release chamber with spherical base

Properties:

- with level contact surface
- with spherical base
- discharge as spigot end

Material:

Polypropylene (PP 2300)

Colour:

Orange

Note:

- without element seal
- a tangential spigot above is required as inlet, price on request



Mat.-no.	Description	DN/OD	Effective height N	Height H	Weight	PG
			mm	mm		
19826001110	DN 600/110 with spherical base	600	431	701	23	4
19826001125	DN 600/125 with spherical base	600	431	701	23	4
19826001160	DN 600/160 with spherical base	600	431	701	23	4
19828001110	DN 800/110 with spherical base	800	310	470	31	4
19828001160	DN 800/160 with spherical base	800	310	470	32	4
19828001200	DN 800/200 with spherical base	800	435	605	33	4
19810051110	DN 1000/110 with spherical base	1000	435	605	58	4
19810051160	DN 1000/160 with spherical base	1000	435	605	64	4
19810051200	DN 1000/200 with spherical base	1000	435	605	66	4
19810051250	DN 1000/250 with spherical base	1000	435	605	70	4
19810051315	DN 1000/315 with spherical base	1000	435	605	75	4
19810051400	DN 1000/400 with spherical base	1000	935	1105	118	2
19810051500	DN 1000/500 with spherical base	1000	935	1105	121	2

ReinoGrip double socket

Application:

transition from PE wastewater pressure pipe to PP manhole socket

Material:

- PE 100-RC SDR 11/17
- Grip ring made of PA/PPS, lip seal 3S made of EPDM and dirt seal

Colour:

Blue



Mat.-no.	Description	Weight kg/pc
11500481001	DA 90 mm, aus PE 100-RC SDR 11/17	2.4
11500491001	DA 110 mm, aus PE 100-RC SDR 11/17	3.3
11500541001	DA 125 mm, aus PE 100-RC SDR 11/17	3.9
11500551001	DA 160 mm, aus PE 100-RC SDR 11/17	6.6
11500561001	DA 180 mm, aus PE 100-RC SDR 11/17	7.8
11500581001	DA 225 mm, aus PE 100-RC SDR 11/17	14.5

AWASCHACHT PP bottom DN 1000 - pressure relief chamber bottom with reverse gradient

Properties:

- exclusive transition to PE pressure pipe
- with level contact surface
- discharge as spigot end

Material:

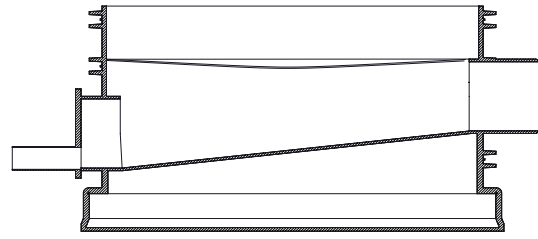
Polypropylene (PP 2300)

Colour:

Orange

Note:

without element seal DN 1000



Mat.-no.	Description	DN/OD	Type*1	Bending	Effective height N	Weight	PG
					mm		
19848001110	DN 800/110 GD with rising channel	110	GD	variable	275	30	4
19848001160	DN 800/160 GD with rising channel	160	GD	variable	275	33	4
19848001200	DN 800/200 GD with rising channel	200	GD	variable	275	34	4
19810061110	DN 1000/110 GD with rising channel	110	GD	180°	275	66	4
19810061160	DN 1000/160 GD with rising channel	160	GD	180°	275	68	4
19810061200	DN 1000/200 GD with rising channel	200	GD	180°	275	70	4
19810061250	DN 1000/250 GD with rising channel	250	GD	180°	775	104	2
19810061315	DN 1000/315 GD with rising channel	315	GD	180°	775	110	2
19810061400	DN 1000/400 GD with rising channel	400	GD	180°	775	121	2
19810061500	DN 1000/500 GD with rising channel	500	GD	180°	775	134	2
19810071110	DN 1000/110 AG with rising channel	110	AG	variable	275	66	4
19810071160	DN 1000/160 AG with rising channel	160	AG	variable	275	68	4
19810071200	DN 1000/200 AG with rising channel	200	AG	variable	275	70	4
19810071250	DN 1000/250 AG with rising channel	250	AG	variable	775	104	2
19810071315	DN 1000/315 AG with rising channel	315	AG	variable	775	110	2
19810071400	DN 1000/400 AG with rising channel	400	AG	variable	775	121	2
19810071500	DN 1000/500 AG with rising channel	500	AG	variable	775	134	2

*1 AG = Angled, GD = Straight through, RML = Right center left, RM = Right center, ML = Center left, LB = Empty base

AWASCHACHT PP DN 1000 – project-specific bases DN 1200

Application:

- transition to standard DN 1000
- gradient variable from 1 - 3 %, additional price > 3 %.

Properties:

- project-specific, straight or angled drainage channel
- with level contact surface
- with fixed EPDM sealing ring (Safety-Lock)
- discharge as spigot end

Material:

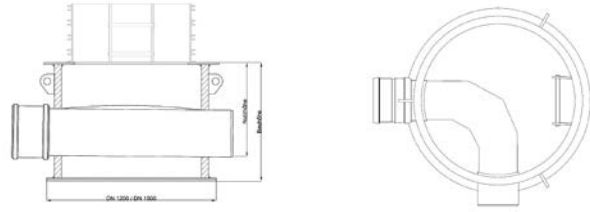
Polypropylene (PP 2300)

Colour:

Grey

Note:

- without element seal DN 1000
- lateral inlets possible, price and feasibility on request



Mat.-no.	DN/OD	Type ^{*1}	Bending	Connection	Effective height N	Height H	Weight	PG
					mm	mm		
19812011200	200	GD	180° (+/- 7,5°)	ball joint	835	1060	143	1
19812011250	250	GD	180° (+/- 7,5°)	articulated socket	885	1110	153	1
19812011315	315	GD	180° (+/- 7,5°)	articulated socket	950	1175	165	1
19812011400	400	GD	180°	sleeve	1035	1260	187	1
19812011500	500	GD	180°	sleeve	1125	1350	215	1
19812011630	630	GD	180°	sleeve	1245	1470	259	1
19812011710	710	GD	180°	sleeve	1325	1550	308	1
19812021200	200	AG	90°-270° (+/- 7,5°)	ball joint	835	1060	143	1
19812021250	250	AG	90°-270° (+/- 7,5°)	articulated socket	885	1110	153	1
19812021315	315	AG	90°-270° (+/- 7,5°)	articulated socket	950	1175	165	1
19812021400	400	AG	90°-270°	sleeve	1035	1260	187	1
19812021500	500	AG	120°-240°	sleeve	1125	1350	215	1
19812021630	630	AG	135°-225°	sleeve	1245	1470	259	1
19812021710	710	AG	170°-190°	sleeve	1325	1550	308	1

*1 AG = Angled, GD = Straight through, RML = Right center left, RM = Right center, ML = Center left, LB = Empty base

AWASCHACHT load distribution plate DN 1000/1200

Application:

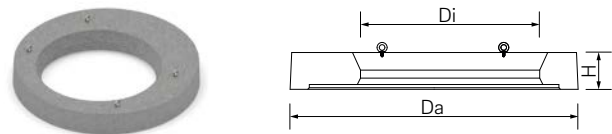
suitable for loads of class D400 (installation depth 1 to 5 m), recesses slightly conical, 4 pcs. screw anchors M12 embedded in concrete, 4 pcs. eyebolts mounted

Material:

Reinforced concrete (quality: C35/45)

Colour:

Grey



Mat.-no.	Description	Di	Da	Height H	Weight	PG	PG
		mm	mm	mm	kg/pc	kg	pc
11000471001	DN 1200, SLW60, 180 x 20 cm, concrete	1120	1800	230	725	710	1

AWASCHACHT PP DN 1000 - project-specific bases DN 1500

Application:

- transition to standard DN 1000
- gradient variable from 1 - 3 %, additional price > 3 %.

Properties:

- project-specific, straight or angled drainage channel
- with level contact surface
- with fixed EPDM sealing ring (Safety-Lock)
- discharge as spigot end

Material:

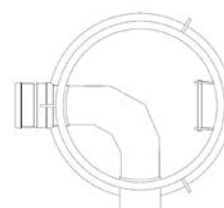
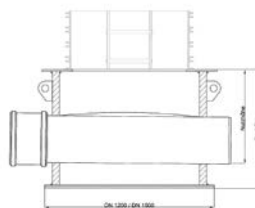
Polypropylene (PP 2300)

Colour:

Grey

Note:

- without element seal DN 1000
- lateral inlets possible, price and feasibility on request



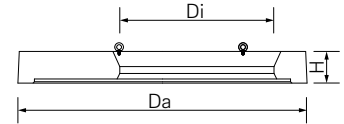
Mat.-no.	DN/OD	Type*1	Bending	Connection	Effective height N	Height H	Weight	PG
					mm	mm	kg/pc	pc
19815011200	200	GD	180° (+/- 7,5°)	ball joint	835	1060	215	1
19815011250	250	GD	180° (+/- 7,5°)	articulated socket	885	1110	227	1
19815011315	315	GD	180° (+/- 7,5°)	articulated socket	950	1175	245	1
19815011400	400	GD	180°	sleeve	1035	1260	272	1
19815011500	500	GD	180°	sleeve	1125	1350	307	1
19815011630	630	GD	180°	sleeve	1245	1470	360	1
19815011710	710	GD	180°	sleeve	1325	1550	417	1
19815011800	800	GD	180°	sleeve	1415	1640	482	1
19815021200	200	AG	90°-270° (+/- 7,5°)	ball joint	835	1060	215	1
19815021250	250	AG	90°-270° (+/- 7,5°)	articulated socket	885	1110	227	1
19815021315	315	AG	90°-270° (+/- 7,5°)	articulated socket	950	1175	245	1
19815021400	400	AG	90°-270°	sleeve	1035	1260	272	1
19815021500	500	AG	90°-270°	sleeve	1125	1350	307	1
19815021630	630	AG	120°-240°	sleeve	1245	1470	360	1
19815021710	710	AG	150°-210°	sleeve	1325	1550	417	1
19815021800	800	AG	150°-210°	sleeve	1415	1640	482	1

*1 AG = Angled, GD = Straight through, RML = Right center left, RM = Right center, ML = Center left, LB = Empty base

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AWASCHACHT load distribution plate DN 1000/1500

Application:
suitable for loads of class D400 (installation depth 1 to 5 m), recesses slightly conical, 4 pcs. screw anchors M12 embedded in concrete, 4 pcs. eyebolts mounted



Material:

Reinforced concrete (quality: C35/45)

Colour:

Grey

Mat.-no.	Description	Di mm	Da mm	Height H mm	Weight kg/pc	PG kg	PG pc
11000571001	DN 1200, SLW60, 210 x 20 cm, concrete	1120	2100	230	1150	1130	1



12 RAINSPOT
RAINSPOT road gully

12.01 RAINSPOT, round

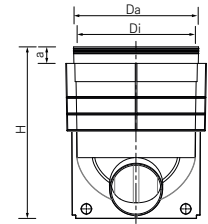
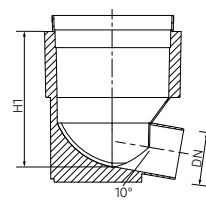
RAINSPOP basic body with discharge

Application:
round road gully

Properties:
10° bend

Material:
Polypropylene (PP 2300)

Colour:
Blue



Mat.-no.	DN/OD	Construction height BH*1		Di	Da	a	Height H	Volume	Weight	PG
		mm	mm							
12144101002	160	475	425	367	377	50	520	50	3.88	12

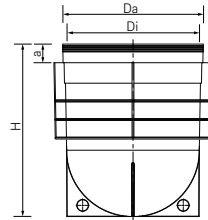
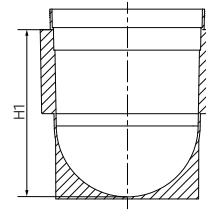
*1 plus 5 mm for sealing ring

RAINSPOP basic body without discharge

Application:
round road gully

Material:
Polypropylene (PP 2300)

Colour:
Blue



Mat.-no.	Construction height BH*1		Di	Da	a	Height H	Volume	Weight	PG
	mm	mm							
12144001002	460	410	367	377	50	465	50	3.46	18

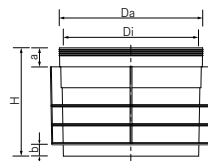
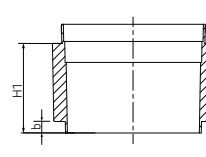
*1 plus 5 mm for sealing ring

RAINSPOP extension without discharge

Application:
round road gully

Material:
Polypropylene (PP 2300)

Colour:
Blue



Mat.-no.	Construction height BH*1		Di	Da	a	b	Height H	Volume	Weight	PG
	mm	mm								
12143801002	255	235	367	377	50	30	285	26	2.35	18

*1 plus 5 mm for sealing ring

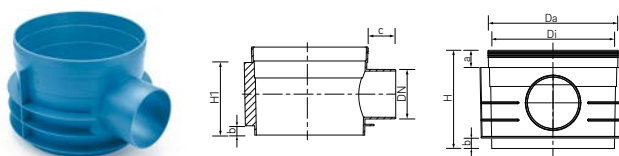
RAINSPOT extension with discharge

Application:
round road gully

Properties:
no bend

Material:
Polypropylene (PP 2300)

Colour:
Blue



Mat.-no.	DN/OD	Construction height BH ^{*1}	Height H1	Di	Da	a	b	c	Height H	Volume l	Weight kg/pc	PG pc
		mm	mm	mm	mm	mm	mm	mm	mm			
12143901002	160	255	235	367	377	50	30	90	285	26	2.42	12

*1 plus 5 mm for sealing ring

RAINSPOT sealing ring round

Application:

- round road gully
- required per component

Material:
Ethylene-propylene diene monomer rubber (EPDM)



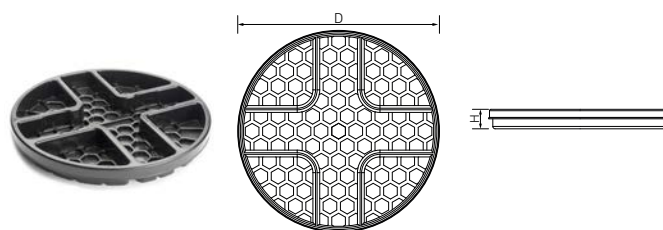
Mat.-no.	Description	Weight	PG
		g/pc	pc
13170391500	EPDM	300	13

RAINSPOT polymer cover round

Application:

- round road gully
- as a protection against dirt during installation and as installation aid

Note:
not walkable



Mat.-no.	Description	Height H	Diameter D	Weight	PG	PG
		mm	mm	g/pc	pc	pc
12144701001	round, black	41	380	800	5	85

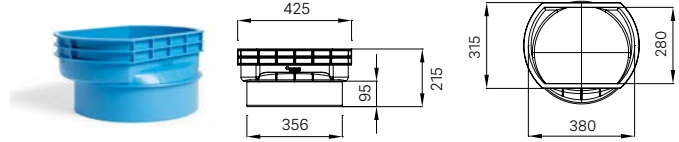
RAINSPOT cone for casting attachment 300 x 500

Application:
round road gully

- Properties:
- Height compensation up to 75 mm
 - inclination up to 10 %

Material:
Polypropylene (PP 2300)

Colour:
Blue



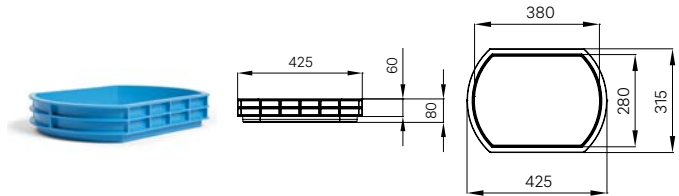
Mat.-no.	Description	Effective height N _{min} mm	Effective height N _{max} mm	Height H mm	Weight kg/pc	PG pc
13294721001	for gully top 300x500	120	195	215	1.3	20

RAINSPOT height adapter for casting attachment 300 x 500

Application:
round road gully

Material:
Polypropylene (PP 2300)

Colour:
Blue



Mat.-no.	Description	Effective height N mm	Height H mm	Weight g/pc	PG pc
13294651001	for gully top 300x500	60	80	640	98

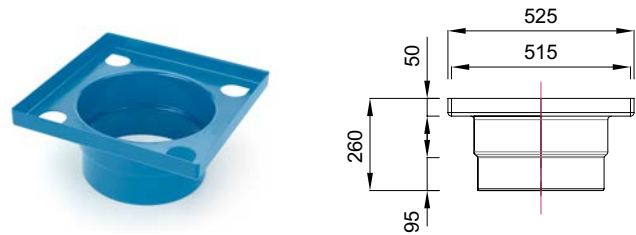
RAINSPOT stacking frame for concrete/cast attachment 500 x 500

Application:
round road gully

- Properties:
- Height compensation up to 75 mm
 - internal dimensions 515 x 515 mm
 - inclination up to 10 %

Material:
Polypropylene (PP 2300)

Colour:
Blue



Mat.-no.	Description	Effective height N _{min} mm	Effective height N _{max} mm	Height H mm	Weight kg/pc	PG pc
12098121501	for concrete/cast attachment 500 x 500	120	195	260	2.133	12

12.02 RAINSPOT, square

RAINSPOT main body with discharge

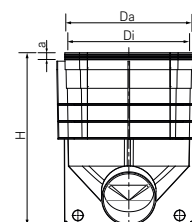
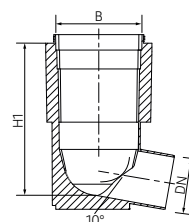
Application:
square road gully

Properties:
10° bend

Material:
Polypropylene (PP 2300)

Colour:
Blue

Note:
insert RAINSPOT silt bucket



Mat.-no.	DN/OD	Construction height BH* ¹	Width B	Height H1	Di	Da	a	Height H	Volume	Weight	PG
		mm									
12143101002	160	470	252	438	367	377	32	510	42	3.62	12

*¹ plus 5 mm for sealing ring

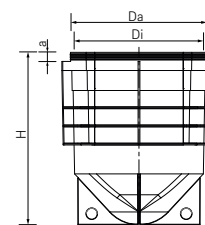
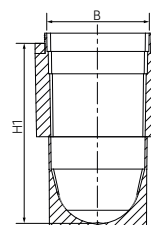
RAINSPOT main body without discharge

Application:
square road gully

Material:
Polypropylene (PP 2300)

Colour:
Blue

Note:
insert RAINSPOT silt bucket



Mat.-no.	Construction height BH* ¹	Width B	Height H1	Di	Da	a	Height H	Volume	Weight	PG
	mm									
12143201002	465	252	433	367	377	32	475	42	3.24	21

*¹ plus 5 mm for sealing ring

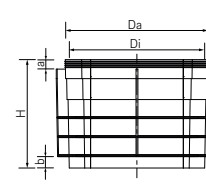
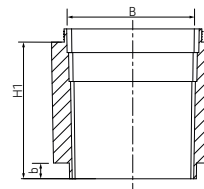
RAINSPOT extension without discharge

Application:
square road gully

Material:
Polypropylene (PP 2300)

Colour:
Blue

Note:
insert RAINSPOT silt bucket



Mat.-no.	Construction height BH* ¹	Width B	Height H1	Di	Da	a	b	Height H	Volume	Weight	PG
	mm										
12143301002	255	252	253	367	377	32	30	285	23	2.21	21

*¹ plus 5 mm for sealing ring

RAINSPOT extension with discharge

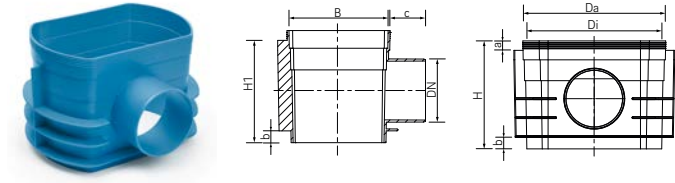
Application:
square road gully

Properties:
no bend

Material:
Polypropylene (PP 2300)

Colour:
Blue

Note:
insert RAINSPOT silt bucket



Mat.-no.	DN/OD	Construction height BH ^{*1}	Width B	Height H1	Di	Da	a	b	c	Height H	Volume	Weight	PG
		mm	mm	mm	mm	mm	mm	mm	mm	mm	l	kg/pc	pc
12143401002	160	255	252	253	367	377	32	30	90	285	23	2.26	18

*1 plus 5 mm for sealing ring

RAINSPOT sealing ring square

Application:

- square road gully
- required per component

Material:
Ethylene-propylene diene monomer rubber (EPDM)



Mat.-no.	Description	Weight	PG
		g/pc	pc
13170401300	EPDM	300	13

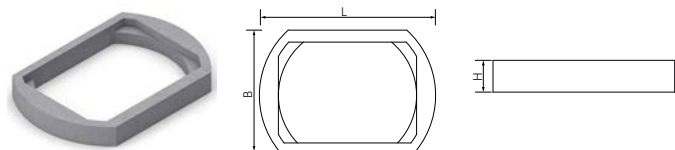
RAINSPOT concrete support ring

Application:
type 10b according to DIN 4052, 300 x 500

Material:
Concrete

Colour:
Grey

Note:
adjust commercial concrete support rings on site if necessary due to higher manufacturing tolerances



Mat.-no.	Description	Length L	Width B	Height H	Weight	PG
		mm	mm	mm	kg/pc	pc
16108091001	DIN 4052, for gullies	500	343	60	8	60

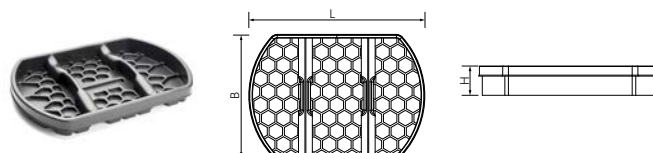
RAINSPOT polymer cover square

Application:

- square road gully
- as a protection against dirt during installation and as installation aid

Note:

not walkable



Mat.-no.	Description	Length L	Width B	Height H	Weight	PG	PG
		mm	mm	mm	g/pc	pc	pc
12144601001	for gullys 300x500	380	264	41	700	5	120

RAINSPOT silt bucket long

Application:

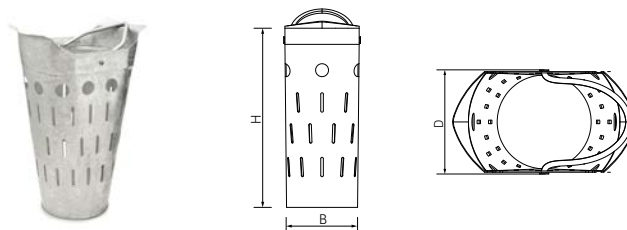
- square road gully
- round road gully

Properties:

long variant for longitudinal gully top form C3 similar to DIN 4052-4

Note:

- for casting tops 300 x 500, adapted RAINSPOT silt buckets (similar to DIN 4052-4) must be used
- silt bucket (forms A and B according to DIN 4052-4) to be provided by customer
- RAINSPOT silt buckets are only suitable for REHAU road gullys



Mat.-no.	Description	Width B	Height H	Diameter D	Weight	PG
		mm	mm	mm	kg/pc	pc
13539801001	for road gullys 300x500	200	575	235	6	40

RAINSPOT silt bucket short

Application:

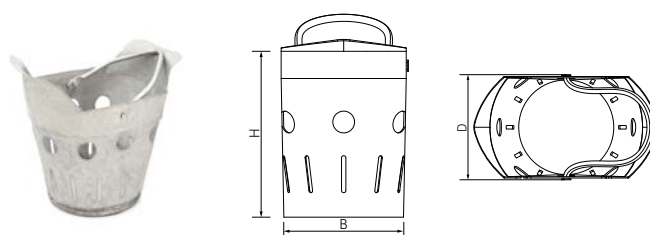
- square road gully
- round road gully

Properties:

short variant for longitudinal gully top form D1 similar to DIN 4052-4

Note:

- for casting tops 300 x 500, adapted RAINSPOT silt buckets (similar to DIN 4052-4) must be used
- silt bucket (forms A and B according to DIN 4052-4) to be provided by customer
- RAINSPOT silt buckets are only suitable for REHAU road gullys





Mat.-no.	Description	Width B	Height H	Diameter D	Weight	PG
		mm	mm	mm	kg/pc	pc
13539901001	for road gullys 300x500	200	325	235	4.6	52



13 AWADOCK

Overview of connection systems for lateral connections

Product variants connection systems AWADOCK Classic



Main pipe			Connection pipe						
Concrete, reinforced concrete, vitrified clay pipe			Basic sewer pipe *			Vitrified clay	GRP/cast iron		
Material	Wall thickness [mm]	Dimension	DN/OD 160	DN/OD 200	DN/OD 160	DN/ID 200	DN/OD 150	DN/ID 150	
			 AWADOCK Classic with ball joint			 AWADOCK Classic		 AWADOCK Classic	
Concrete/ reinforced concrete pipes to DIN EN 1916	37 - 60	≥ DN 300	Type K 11799901600	Type K** 11726091600 (can only be connected from DN 500)	Type K 11762011600		Type K 11762111600		
	61 - 85		Type A 11799501600	Type A 11725791600 (erst anschließbar ab DN 400)	Type A 11760011600		Type A 11760511600	Type A 11761511600	
	86 - 115		Type B 11799601600	Type B 11725891600	Type B 11760111600		Type B 11760611600	Type B 11761611600	
	Vitrified clay pipes to DIN EN 295-1 (circle and egg profile between 270° and 90°)	116 - 160		Type C 11799701600	Type C 11725991600	Type C 11760211600		Type C 11760711600	Type C 11761711600
		161 - 179		Type D 11799801600		Type D 11760411600	Type D 11760091600		
		180 - 199				Type E 11760051600	Type E 11760141600		
		200 - 219				Type F 11760061600	Type F 11760151600		
		220 - 239				Type G 11760071600	Type G 11760161600		
		240 - 260				Type H 11760081600	Type H 11760171600		
	Borehole and tool								
Borehole diameter [mm]			200	257	200	257	200	200	
Tolerance borehole [mm]			+ 2 / - 1	+ 2 / - 1	+ 2 / - 1	+ 2 / - 1	+ 2 / - 1	+ 2 / - 1	
Drill bit Diamond, wet		Ø 200	11763011001		11763011001		11763011001	11763011001	
		Ø 257		11763211001		11763211001			
Mounting wrench					11761111600				
Drill stand					11905571001				

* KG = basic sewer pipe; externally smooth pipes, e.g. to EN 1852 or PVC to EN 1401

**without Q-TE-C







Product variants connection systems

AWADOCK Polymer / Polymer Liner

Main pipe						Connection pipe				
KG-* / composite- / concrete pipe						Basic sewer pipe *				
Material	Wall thickness [mm]				Dimension		DN/OD 160	DN/OD 200	DN/OD 160	DN/OD 200
	Polymer DN 160	Polymer DN 200	Polymer Liner DN 160	Polymer Liner DN 200	Polymer	Polymer Liner				
							AWADOCK Polymer		AWADOCK Polymer Liner	
AWADOCK Polymer	4,9 - 11		3 - 10		200	200	11715511200	1109701001		
Basic sewer pipe PVC to EN 1401; PP to DIN EN 1852; PP-MD to EN 14758; PE to DIN 8074 and DIN 8075; GRP to DIN EN 14364	6 - 22	6 -15	3 - 20	3 - 15	250	250	11715611250	11725091250	11090721001	11090801001
		6 - 19	3 - 25		300 - 355	298 - 390		11725191315	11090731001	
	6 - 23			3 - 20	301 - 390	300 - 355	11715711315	11090811001		
	8 - 27	8 - 23	3 - 25	3 - 25	391 - 490	391 - 490	11715811400	11725291400	11090741001	11090821001
AWADOCK Polymer Liner	8 - 32	8 - 25	3 - 30	3 - 25	491 - 620	491 - 620	11715911500	11725391500	11090761001	11090831001
Liner rehabilitated pipes	10 - 33	10 - 33	3 - 30	3 - 30	621 - 699	621 - 699	11716011630	11725491630	11090771001	11090841001
(circular and egg profile between 270° and 90°)	11 - 33	11 - 34	3 - 30	3 - 30	700 - 899	700 - 899	11720111800	11725591800	11090781001	11090851001
	13 - 33	13 - 34	3 - 30	3 - 30	900 - 1400	900 - 1400	11720211999	11725691999	11090791001	11090861001
Borehole and tool										
Borehole diameter [mm]							162	200	162	200
Tolerance borehole [mm]							+1 / -1	+1 / -1	+1 / -1	+1 / -1
Drill bit Diamond, wet							Ø 162	11763171001	11763171001	
Drill bit, Diamond dry							Ø 162	11905471001	11905471001	
Hole saw							Ø 162	11904771001	11904771001	
Mounting wrench							Ø 160	11904971001	11904971001	
Drill stand							Ø 200	11907391001	11907391001	
								11905571001		

*KG = basic sewer pipe; externally smooth pipes, e.g. to EN 1852 or PVC to EN 1401

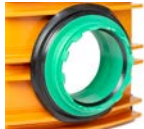






Product variants connection systems composite pipe / Liner

Main pipe				Connection pipe		
KG-* / composite- / concrete pipe				Basic sewer pipe*		
Material	Wall thickness [mm]	Dimension	DN/OD 160	DN/ID 200	DN/OD 160	
AWADOCK composite pipe	AWADOCK Liner	AWADOCK composite pipe	AWADOCK Liner			
			AWADOCK composite pipe		AWADOCK Liner	
Composite sewer pipes to DIN EN 13476-3		DN OD 400 - DN ID 400	Type A 11917801160			
		DN OD 500 - DN ID 800	Type B 11917901160			
		DN OD 800 - DN OD 1200	Type C 11918001200			
Liner rehabilitated pipes	60 - 70	300				
	60 - 75	400				
	60 - 80	≥ 500			Type A 11917801160	
	60 - 85	≥ 700				
	71 - 90	300				
	76 - 90	400				
	81 - 99	500			Type B 11917801160	
	81 - 100	600				
	80 - 100	700				
	80 - 105	≥ 800				
	90 - 100	300			Type C 11917801160	
	91 - 105	400				
	100 - 110	300				
	106 - 115	400			Type D 11917801160	
	100 - 119	500				
101 - 120	600					
100 - 125	≥ 700					
111 - 125	300			Type E 11917801160		
116 - 130	400					
120 - 135	≥ 500					
Borehole and tool						
Borehole diameter [mm]			178	200	250	200
Tolerance borehole [mm]			+ 3 / - 1	+ 3 / - 1	+ 3 / - 1	+ 2 / - 1
Hole saw		Ø 178	13533901178			
		Ø 200	11900281001			
		Ø 250	11904571001			
Drill bit Diamond, wet		Ø 200	11763011001			
		Ø 257	11763211001			
Mounting wrench			11761111600			
Drill stand			11905871001			

* KG = basic sewer pipe; externally smooth pipes, e.g. to EN 1852 or PVC to EN 1401


**Please note that with higher wall thicknesses, the reinforcing steel may not be covered.

Product variants connection systems AWADOCK chamber

Main pipe			Connection pipe						
AWASCHACHT / level masonry / concrete chamber			Basic sewer pipe*				Vitrified clay		
Material	Wall thickness [mm]	Dimension	DN/OD 160	DN/OD 200	DN/OD 160	DN/OD 200	DN/ID 160	DN/OD 200	DN/ID 150
									
			AWADOCK Schacht	AWADOCK Schacht	AWADOCK Schacht				
AWASCHACHT PP DN 800 / DN 1000			11903651600	11913451600					
AWASCHACHT PP DN 800 / DN 1000 Type K/U			11911751600	11913551600					
Level masonry and rectangular Concrete chambers	≥ 60				11710011600	11713911600			
Wall duct incl. feed-through pipe and sealing gasket inside	≥ 60					11709911600			
Wall duct as manhole lintel Fitting, type K/U	≥ 60					11710211600			
Concrete chamber to DIN EN 1917							11705511600	11705611600	11705711600
Borehole and tool									
Borehole diameter [mm]			200	250	200	250	200	257	200
Tolerance borehole [mm]			+1/-1	+1/-1	+1/-1	+1/-1	+2/-1	+2/-1	+2/-1
Hole saw		Ø 200	11900281001						
		Ø 250		11904571001					
Drill bit Diamond, wet		Ø 200			11763011001		11763011001		11763011001
		Ø 250			11763141001				
		Ø 257						11763211001	
Mounting wrench						11761111600			
Drill stand						11905571001			

* KG = basic sewer pipe; externally smooth pipes, e.g. to EN 1852 or PVC to EN 1401

Product variants connection systems T-Flex / Combi-Set

Main pipe			Connection pipe					
Externally smooth pipes			Basic sewer pipe*					
Material	Wall thickness [mm]	Dimensions	DN/OD 110	DN/OD 160	DN/OD 200	DN/OD 250	DN/OD 315	DN/OD 400
								
			T-Flex		Combi-Set			
Externally smooth pipes, z. B. PP to DIN EN 1852; PVC to DIN EN 1401; GFK to DIN EN 14364 Guss to DIN EN 598; Fibre cement; Vitrified clay to DIN EN 295-1	independent	DN 200 - 400	Type A 11706111001					
		DN 250 - 500	Type B 11706211001					
		DN 300 - 500	Type C 11706311001					
Concrete/ Reinforced concrete pipes to DIN EN 1916	min. 55 mm**	min. 2 x drill hole diameter			11762311200	11762411200	11762511200	
Borehole and tool								
Borehole diameter [mm]			122	172	212	276	341	426
Tolerance borehole [mm]			117 - 127	167 - 177	203 - 217	+ 1 / - 1	+ 1 / - 1	+ 1 / - 1
T-Flex hole cutter for plastic pipes		Ø 122	11706711001					
		Ø 172	11706811001					
		Ø 212	11706911001					
Drill bit, Diamand wet		Ø 276	11760471001					
		Ø 341	11760481001					
		Ø 426	11760491001					
Drill stand		11905571001						

* KG = basic sewer pipe; externally smooth pipes, e.g. to EN 1852 or PVC to EN 1401



Now new
With our digital selection guide, you can find the right AWADOCK for your application step by step: www.rehau.de/anschlussfinder

Areas of application and limits of use

Connection from

Connection to

<ul style="list-style-type: none"> Externally smooth polymer pipes DN 160 and DN 200 Vitrified clay pipes DN 150 GRP/cast iron pipes DN 150 	 <p>AWADOCK Classic</p>  <p>AWADOCK Liner</p>	<ul style="list-style-type: none"> Concrete pipes Reinforced concrete pipes Vitrified clay pipes <ul style="list-style-type: none"> Concrete pipes renovated with inliner Reinforced concrete pipes renovated with inliner Vitrified clay pipes renovated with inliner
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<ul style="list-style-type: none"> Externally smooth polymer pipes DN 160 und DN 200 	 <p>AWADOCK Polymer</p>  <p>AWADOCK Polymer Liner</p>	<ul style="list-style-type: none"> Smooth-walled polymer pipes DN 200/250 to DN 1400 <ul style="list-style-type: none"> Pipes rehabilitated with inliner DN 200/250 bis DN 1400
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<ul style="list-style-type: none"> Externally smooth polymer pipes DN 160 and DN 200 	 <p>AWADOCK composite pipe</p>	<ul style="list-style-type: none"> Composite sewer pipes DN/OD 400 – DN/OD 1200
<ul style="list-style-type: none"> Externally smooth polymer pipes DN 250, DN 315 and DN 400 	 <p>Combi-Set</p>	<ul style="list-style-type: none"> Concrete pipes Reinforced concrete pipes
<ul style="list-style-type: none"> Externally smooth polymer pipes DN 110, DN 160 and DN 200 	 <p>AWADOCK T-Flex</p>	<ul style="list-style-type: none"> Thin-walled, externally smooth main pipes DN/OD 200 – DN/OD 500, such as PP, PVC, GRP, cast iron and fibre cement
<ul style="list-style-type: none"> Externally smooth polymer pipes DN 160 and DN 200 	 <p>AWADOCK chamber</p>	<ul style="list-style-type: none"> AWASCHACHT DN 800 and DN 1000 Concrete chambers Plan walls and rectangular concrete chambers



14 AWADOCK Classic

Connection to concrete and vitrified clay pipes

14.01 AWADOCK Classic**AWADOCK Classic with ball joint**

Application:

Connection of sewer pipes DN 160/200 made of PVC and PP to concrete pipes, reinforced concrete pipes or vitrified clay pipes

Properties:

infinite angle adjustment by $\pm 7.5^\circ$ horizontally or vertically

Material:

- Ethylene-propylene diene monomer rubber (EPDM)
- Swelling secondary seal (Q-TE-C)
- Polypropylene (PP)

Colour:

- screw crown, Green
- gasket, Black



Mat.-no.	Type	DN/OD	Wall thickness min. mm	Wall thickness max. mm	Borehole mm	Dimension main pipe	Weight kg/pc	PG pc
160								
11799901600	K	160	37	60	200	≥ DN 300	1.951	60
11799501600	A	160	61	85	200		2.413	45
11799601600	B	160	86	115	200		2.597	45
11799701600	C	160	116	160	200		3.006	30
11799801600	D	160	161	179	200		3.598	30
200								
11726091600*1	K	200	37	60	257	≥ DN 500	6.054	45
11725791600	A	200	61	85	257	≥ DN 400	3.708	33
11725891600	B	200	86	115	257		4.078	33
11725991600	C	200	116	160	257		4.868	24

*1 without Q-TE-C, DN 200 connection of other pipe materials possible by means of transition piece

AWADOCK Classic

Application:
connection of DN 160 PVC and PP sewer pipes to concrete pipes, reinforced concrete pipes or vitrified clay pipes

Material:

- Ethylene-propylene diene monomer rubber (EPDM)
- Swelling secondary seal (Q-TE-C)
- Polypropylene (PP)

Colour:

- screw crown, Green
- gasket, Black



Mat.-no.	Type	DN/OD	Wall thickness min. mm	Wall thickness max. mm	Borehole mm	Dimension main pipe	Weight kg/pc	PG pc
160								
11762011600	K	160	37	60	200	≥ DN 300	1.159	90
11760011600	A	160	61	85	200		1.61	75
11760111600	B	160	86	115	200		1.782	60
11760211600	C	160	116	160	200		2.167	45
11760411600	D	160	161	179	200		2.732	45

AWADOCK Classic to thick-walled reinforced concrete pipes

Application:

connection of sewer pipes DN 160/200 made of PVC and PP to thick-walled and multi-layer reinforced concrete pipes according to DIN 1916



Components:

- connection seal (matched to the wall thickness)
- screw-in crown (designed as a pipe bushing)
- AWADUKT PP SN4 connection pipe with double socket

Material:

- Styrene butadiene rubber (SBR)
- Swelling secondary seal (Q-TE-C)
- Polypropylene (PP)

Colour:

- screw crown, Green
- gasket, Black

Mat.-no.	Type	DN/OD	Wall thickness min. mm	Wall thickness max. mm	Borehole mm	Weight kg/pc	PG pc
160							
11760051600	E	160	180	199	200	3.161	18
11760061600	F	160	200	219	200	3.718	18
11760071600	G	160	220	239	200	4.262	18
11760081600	H	160	240	260	200	4.171	18
200							
11760091600	D	200	161	179	257	6.082	12
11760141600	E	200	180	199	257	7.514	12
11760151600	F	200	200	219	257	6.692	12
11760161600*1	G	200	220	239	257	7.015	12
11760171600*1	H	200	240	260	257	7.73	12

*1 no stock item, delivery time on request

AWADOCK Classic DN 150 vitrified clay

Application:

connection of DN 150 vitrified clay sewer pipes to concrete pipes, reinforced concrete pipes or vitrified clay pipes

Material:

- Ethylene-propylene diene monomer rubber (EPDM)
- Swelling secondary seal (Q-TE-C)
- Polypropylene (PP)

Colour:

- screw crown, Green
- gasket, Black

Note:

outer diameter vitrified clay connection pipe: 186 mm



Mat.-no.	Type	DN/OD	Wall thickness min. mm	Wall thickness max. mm	Borehole mm	Dimension main pipe	Weight kg/pc	PG pc
150								
11762111600	K	150	37	60	200	≥ DN 300	2.032	75
11760511600	A	150	61	85	200		2.432	45
11760611600	B	150	86	115	200		2.57	45
11760711600	C	150	116	160	200		2.98	30

AWADOCK Classic DN 150 cast iron/GRP

Application:

connection of DN 150 ductile iron and GRP sewer pipes to concrete, reinforced concrete or vitrified clay pipes

Material:

- Ethylene-propylene diene monomer rubber (EPDM)
- Swelling secondary seal (Q-TE-C)
- Polypropylene (PP)

Colour:

- screw crown, Green
- gasket, Black

Note:

outer diameter cast iron/GFRP connection pipe:
168 - 170 mm



Mat.-no.	Type	DN/OD	Wall thickness min. mm	Wall thickness max. mm	Borehole mm	Weight kg/pc	PG pc
150							
11761511600*1	A	150	61	85	200	2.456	45
11761611600*1	B	150	86	115	200	2.61	45
11761711600*1	C	150	116	160	200	3.004	45

*1 no stock item, delivery time on request

14.02 Tools

Mounting wrench for AWADOCK

Application:
especially for AWADOCK, universally applicable for all types

Material:
stainless steel

Colour:
Silver



Mat.-no.	Description	Weight g/pc	PG pc
11761111600	for AWADOCK Classic (stainless steel)	750	1

AWADOCK Diamond drill bit, wet

Application:
for tapping GRP, concrete and reinforced concrete pipes with soft to hard aggregates and medium to high reinforcement



Mat.-no.	Description	Diameter D mm	Weight kg/pc	PG pc
11763011001*1	conncection: 1 1/4"UNC-coupler	200	10	1
11763211001*1	conncection: 1 1/4"UNC-coupler	257	9.4	1

*1 no stock item, delivery time on request

AWADOCK drill stand for smooth-walled pipes

Application:

- ensures drilling is conveniently guided at a right angle and in the centre
- short preparation times, no fastening to the pipe required
- with retainers 53 mm, 48 mm and 43 mm

Components:

including reducing sleeve set (consisting of 60/53, 60/48, 60/43 sleeves) for drill compatibility

Material:
aluminium (Al)



Mat.-no.	Description	Diameter D mm	Weight kg/pc	PG pc
11905571001	60 mm retainer incl. reducing sleeve set	60	5.8	1



15 AWADOCK Liner

Connection to liner rehabilitated pipes

15.01 AWADOCK Liner

AWADOCK Liner with ball joint

Application:

connection of sewer pipes DN 160/200 made of PVC and PP to liner rehabilitated pipes

Properties:

infinite angle adjustment by $\pm 7.5^\circ$ horizontally or vertically

Material:

- Ethylene-propylene diene monomer rubber (EPDM)
- Swelling secondary seal (Q-TE-C)
- Polypropylene (PP)

Colour:

- screw crown, Green
- gasket, Black



Mat.-no.	Type	DN/OD	DN/OD	Wall thickness min. mm	Wall thickness max. mm	Borehole mm	Weight kg/pc
11080001001	A	160	300	60	70	200	2.407
			400	60	75		
			≥ 500	60	80		
			≥ 700	60	85		
11080011001	B	160	300	71 ^{*1}	90	200	2.407
			400	76	90		
			500	81	99		
			600	81	100		
			700	80	100		
11090511001	C	160	300	90	100	200	2.407
			400	91	105		
11090521001 ^{*2}	D	160	300	100	110	200	2.407
			400	106	115		
			500	100	119		
			600	101	120		
11090531001 ^{*3}	E	160	300	111 ^{*1}	125	200	2.407
			400	116 ^{*1}	130		
			≥ 500	120	135		

^{*1} partially protrudes

^{*2} no stock item, delivery time on request

^{*3} not a stock item, delivery time on request, partially protrudes

15.02 Tools

Mounting wrench for AWADOCK

Application:
especially for AWADOCK, universally applicable for all types

Material:
stainless steel

Colour:
Silver



Mat.-no.	Description	Weight g/pc	PG pc
11761111600	for AWADOCK Classic (stainless steel)	750	1

AWADOCK Diamond drill bit, wet

Application:
for tapping GRP, concrete and reinforced concrete pipes with soft to hard aggregates and medium to high reinforcement



Mat.-no.	Description	Diameter D mm	Weight kg/pc	PG pc
11763011001 ^{*1}	conncection: 1 1/4"UNC-coupler	200	10	1

^{*1} no stock item, delivery time on request

AWADOCK drill stand for smooth-walled pipes

Application:

- ensures drilling is conveniently guided at a right angle and in the centre
- short preparation times, no fastening to the pipe required
- with retainers 53 mm, 48 mm and 43 mm

Components:

including reducing sleeve set (consisting of 60/53, 60/48, 60/43 sleeves) for drill compatibility

Material:
aluminium (Al)



Mat.-no.	Description	Diameter D mm	Weight kg/pc	PG pc
11905571001	60 mm retainer incl. reducing sleeve set	60	5.8	1



- 16 AWADOCK Polymer / Polymer Liner**
Connection to smooth-walled polymer pipes and
liner-refurbished pipes

16.01 AWADOCK Polymer**AWADOCK Polymer**

Application:

connection of DN 160/200 PP, PE and PVC sewer pipes to smooth-walled plastic pipes and GRP pipes

Properties:

infinite angle adjustment by $\pm 7.5^\circ$ horizontally or vertically

Material:

- Ethylene-propylene diene monomer rubber (EPDM)
- Swelling secondary seal (Q-TE-C)
- Polypropylene (PP)

Colour:

- screw crown, Orange
- retaining ring, Grey



Mat.-no.	Type	Main pipe DN/OD min.	Main pipe DN/ID/OD max.	Connection DN/OD	Wall thickness min. mm	Wall thickness max. mm	Borehole mm	Weight kg/pc	PG pc
11715511200	200	200	200	160	4.9	11	162	1.786	48
11715611250	250	250	250	160	6	22	162	1.738	48
11715711315	315	301	390	160	6	23	162	1.711	48
11715811400	400	391	490	160	8	27	162	1.692	48
11715911500	500	491	620	160	8	32	162	1.68	48
11716011630	630	621	699	160	10	33	162	1.672	48
11720111800	800	700	899	160	11	33	162	1.662	48
11720211999	1000	900	1400	160	13	33	162	1.657	48
11725091250	250	250	250	200	6	15	200	2.748	36
11725191315	315	300	355	200	6	19	200	2.682	36
11725291400	400	391	490	200	8	23	200	2.631	36
11725391500	500	491	620	200	8	25	200	2.61	36
11725491630	630	621	699	200	10	33	200	2.614	36
11725591800	800	700	899	200	11	34	200	2.594	36
11725691999	1000	900	1400	200	13	34	200	2.583	36

AWADOCK Polymer Liner

Application:

connection of sewer pipes DN 160/200 made of PVC and PP to liner rehabilitated pipes

Properties:

infinite angle adjustment by $\pm 7.5^\circ$ horizontally or vertically

Material:

- Ethylene-propylene diene monomer rubber (EPDM)
- Swelling secondary seal (Q-TE-C)
- Polypropylene (PP)

Colour:

- housing inside, Grey
- housing outside, Orange

Note:

a cartridge gun is necessary on site



Mat.-no.	Type	Liner diameter min.	Liner diameter max.	Connection DN/OD	Wall thickness min. mm	Wall thickness max. mm	Borehole mm	Weight kg/pc	PG pc
11090701001	200	200	200	160	3	10	162	2.292	48
11090721001	250	250	250	160	3	20	162	2.244	48
11090731001	315	298	390	160	3	25	162	2.217	48
11090741001	400	391	490	160	3	25	162	2.198	48
11090761001	500	491	620	160	3	30	162	2.186	48
11090771001*1	630	621	699	160	3	30	162	2.178	48
11090781001*1	800	700	899	160	3	30	162	2.168	48
11090791001*1	1000	900	1400	160	3	30	162	2.163	48
11090801001*1	250	250	250	200	3	15	200	3.254	36
11090811001*1	315	300	355	200	3	20	200	3.188	36
11090821001*1	400	391	490	200	3	25	200	3.137	36
11090831001*1	500	491	620	200	3	25	200	3.116	36
11090841001*1	630	621	699	200	3	30	200	3.12	36
11090851001*1	800	700	899	200	3	30	200	3.1	36
11090861001*1	1000	900	1400	200	3	30	200	3.089	36

*1 no stock item, delivery time on request

16.02 Tools

AWADOCK PC mounting wrench set

Application:
specially developed for the assembly of AWADOCK
Polymer and AWADOCK Polymer Liner

Material:
Stainless steel

Colour:
Silver



Mat.-no.	Description	Weight kg/pc	PG pc
11904971001	AWADOCK Polymer DN 160 (2 pcs)	1	1
11907391001	AWADOCK Polymer DN 200 (2 pcs)	1.2	1

AWADOCK Diamond drill bit, wet

Application:
for tapping GRP, concrete and reinforced concrete pipes
with soft to hard aggregates and medium to high rein-
forcement



Mat.-no.	Description	Diameter D mm	Weight kg/pc	PG pc
11763171001*1	connection: 1 1/4"UNC-coupler	162	10	1
11763011001*1	connection: 1 1/4"UNC-coupler	200	10	1

*1 no stock item, delivery time on request

AWADOCK hole saw

Application:
for tapping polymer pipes and chambers, including hole
saw retainer, drill chuck, centre drill with ejector

Components:
packed in a tool case



Mat.-no.	Description	Diameter D mm	Weight kg/pc	PG pc
11904771001	for polymer pipes and chambers, 162 mm	162	3	1
11900281001	for polymer pipes and chambers, 200 mm	200	3.5	1

AWADOCK adapter

Application:
hole saw holder for SDS-max or SDS-plus tool holder

Material:
Steel



Mat.-no.	Description	Weight g/pc	PG pc
11905771001	with SDS-max retainer, hole saw AWADOCK	200	1
11909961001	with SDS-plus retainer, hole saw AWADOCK	200	1

AWADOCK diamond drill bit, dry

Application:
for tapping GRP pipes, complete with receiver and quick-action centre drill

Components:
packed in a tool case



Mat.-no.	Description	Diameter D mm	Working depth mm	Weight kg/pc	PG pc
11905471001	162 mm, for tapping GRP-pipes	162	163	7.5	1
11037151001	200 mm, for tapping GRP-pipes	200	163	6	1

AWADOCK drill stand for smooth-walled pipes

Application:

- ensures drilling is conveniently guided at a right angle and in the centre
- short preparation times, no fastening to the pipe required
- with retainers 53 mm, 48 mm and 43 mm

Components:
including reducing sleeve set (consisting of 60/53, 60/48, 60/43 sleeves) for drill compatibility

Material:
aluminium (Al)



Mat.-no.	Description	Diameter D mm	Weight kg/pc	PG pc
11905571001	60 mm retainer incl. reducing sleeve set	60	5.8	1



17 AWADOCK shaft / composite pipe / special solution

Connection solutions for special applications

17.01 AWADOCK shaft**AWADOCK to AWASCHACHT**

Application:

connection of PVC and PP sewer pipes to AWASCHACHT
PP DN 800 and DN 1000

Material:

- Ethylene-propylene diene monomer rubber (EPDM)
- Polypropylene (PP)

Colour:

- screw crown, Green
- gasket, Black



Mat.-no.	Description	Type	DN/OD	Borehole mm	Length tip end mm	Weight kg/pc	PG pc
160							
11903651600	Polymer DN160 to AWASCHACHT	standard	160	200	0	1.61	1
11911751600	Polymer DN160 to AWASCHACHT 800/1000	K/U	160	200	60	1.711	1
200							
11913451600	Polymer DN200 to AWASCHACHT 800/1000	standard	200	250	0	2.371	1
11913551600	Polymer DN200 to AWASCHACHT 800/1000	K/U	200	250	60	2.41	1

AWADOCK chamber type K/U (short section/bypass)

Application:

drop structure or bypass for connection to concrete chambers

Properties:

- seal flat internally
- AWADOCK spigot end DN/OD 160

Material:

- Ethylene-propylene diene monomer rubber (EPDM)
- Swelling secondary seal (Q-TE-C)
- Polypropylene (PP)

Colour:

- screw crown, Green
- gasket, Black



Mat.-no.	Description	DN/OD	Borehole mm	Length tip end mm	Shaft wall	Weight kg/pc	PG pc
160							
11705511600	Polymer DN160 to concrete chambers	160	200	60	round	1.261	75
200							
11705611600*1	Polymer DN200 to concrete chambers	200	257	50	round	1.66	45
150							
11705711600	Vitrif. Clay DN150 to concrete chambers	150	200	60	round	2.09	45
160							
11710211600*1	Polymer DN160 to plane concrete walls	160	200	60	plan	1.711	75

*1 without Q-TE-C

AWADOCK chamber / wall duct

Application:

connection of sewer pipes made of PVC and PP to plane walls or square concrete chambers with a wall thickness \geq 60 mm

Material:

- Ethylene-propylene diene monomer rubber (EPDM)
- Polypropylene (PP)

Colour:

- screw crown, Green
- gasket, Black



Mat.-no.	Description	DN/OD	Borehole mm	Weight kg/pc	PG pc
160					
11710011600	Polymer DN 160 to plane walls	160	200	1.568	1
11709911600	Polymer DN160 incl. pipe to plane walls	160	200	3.46	1
200					
11713911600	Polymer DN 200 to plane walls	200	250	2.252	1

17.02 Tools**Mounting wrench for AWADOCK**

Application:

especially for AWADOCK, universally applicable for all types

Material:

stainless steel

Colour:

Silver



Mat.-no.	Description	Weight g/pc	PG pc
11761111600	for AWADOCK Classic (stainless steel)	750	1

AWADOCK Diamond drill bit, wet

Application:
for tapping GRP, concrete and reinforced concrete pipes
with soft to hard aggregates and medium to high rein-
forcement



Mat.-no.	Description	Diameter D	Weight	PG
		mm	kg/pc	pc
11763011001*1	conncection: 1 1/4"UNC-coupler	200	10	1
11763141001*1	conncection: 1 1/4"UNC-coupler	250	10	1
11763211001*1	conncection: 1 1/4"UNC-coupler	257	9.4	1

*1 no stock item, delivery time on request

AWADOCK hole saw

Application:
for tapping polymer pipes and chambers, including hole
saw retainer, drill chuck, centre drill with ejector

Components:
packed in a tool case



Mat.-no.	Description	Diameter D	Weight	PG
		mm	kg/pc	pc
11900281001	for polymer pipes and chambers, 200 mm	200	3.5	1
11904571001	for polymer pipes and chambers, 250 mm	250	4.5	1

AWADOCK adapter

Application:
hole saw holder for SDS-max or SDS-plus tool holder

Material:
Steel



Mat.-no.	Description	Weight	PG
		g/pc	pc
11905771001	with SDS-max retainer, hole saw AWADOCK	200	1
11909961001	with SDS-plus retainer, hole saw AWADOCK	200	1

AWADOCK drill stand for smooth-walled pipes

Application:

- ensures drilling is conveniently guided at a right angle and in the centre
- short preparation times, no fastening to the pipe required
- with retainers 53 mm, 48 mm and 43 mm

Components:

including reducing sleeve set (consisting of 60/53, 60/48, 60/43 sleeves) for drill compatibility

Material:

aluminium (Al)



Mat.-no.	Description	Diameter D	Weight	PG
		mm	kg/pc	pc
11905571001	60 mm retainer incl. reducing sleeve set	60	5.8	1

190

17.03 AWADOCK composite pipe

AWADOCK composite pipe

Application:

connection of PVC and PP sewer pipes to composite sewer pipes according to DIN 13476-3

Components:

lubricant included

Material:

- Elastomer (SBR)
- Polypropylene (PP)

Colour:

- screw crown, Green
- gasket, Black



Mat.-no.	Type	DN/OD	Main pipe DN/OD min.	Main pipe DN/ID/OD max.	Borehole mm	Profile height Min. mm	Profile height Max. mm	Weight kg/pc
160								
11917801160	A	160	DN OD 400	DN ID 400	178	20	35	1.923
11917901160	B	160	DN OD 500	DN ID 800	200	33	70	2.123
200								
11918001200	C	200	DN OD 800	DN OD 1200	250	53	89	2.993

17.04 Tools

Mounting wrench for AWADOCK

Application:
especially for AWADOCK, universally applicable for all types

Material:
stainless steel

Colour:
Silver



Mat.-no.	Description	Weight g/pc	PG pc
11761111600	for AWADOCK Classic (stainless steel)	750	1

AWADOCK hole saw

Application:
for tapping polymer pipes and chambers, including hole saw retainer, drill chuck, centre drill with ejector

Components:
packed in a tool case



Mat.-no.	Description	Diameter D mm	Weight kg/pc	PG pc
13533901178	for polymer pipes and chambers, 178 mm	178	3.5	1
11900281001	for polymer pipes and chambers, 200 mm	200	3.5	1
11904571001	for polymer pipes and chambers, 250 mm	250	4.5	1

AWADOCK drill stand for double wall co-extruded pipes

Application:

- ensures drilling is conveniently guided at a right angle and in the centre
- with retainers 53 mm, 48 mm and 43 mm

Material:
aluminium (Al)



Mat.-no.	Description	Diameter D mm	Weight kg/pc	PG pc
11905871001	60 mm retainer incl. reducing sleeve set	60	6	1

17.05 AWADOCK T-Flex**AWADOCK T-Flex**

Application:

connection to externally smooth sewer pipes, such as PP (according to DIN EN 1852), PVC (according to DIN EN 1401), GRP (according to DIN 19869/19565), cast iron (according to DIN EN 598), stoneware (according to DIN EN 295-1) and made of asbestos-free fiber cement concrete

Material:

- stainless steel
- Ethylene-propylene diene monomer rubber (EPDM)



Mat.-no.	DN/OD	Outer diameter	Outer diameter	Outer diameter	Outer diameter	Core drilling	Weight	PG
		min. Connection pipe mm	max. Connection pipe mm	min. Main pipe mm	max. Main pipe mm			
110								
11706111001	110	105	120	200	400	117-127	1	4
160								
11706211001	160	150	170	250	500	167-177	2.4	4
200								
11706311001	200	175	200	300	500	203-217	3.2	7

17.06 Tools

AWADOCK T-FLEX drill bit

Application:

for tapping PP pipes and PVC pipes



Mat.-no.	Description	Diameter D	Weight	PG
		mm	kg/pc	pc
11706711001*1	drill bit f. DN 110 with borehole 122 mm	122	7	1
11706811001*1	drill bit f. DN 160 with borehole 172 mm	172	9	1
11706911001*1	drill bit f. DN 200 with borehole 212 mm	212	11	1

*1 no stock item, delivery time on request

AWADOCK drill stand for smooth-walled pipes

Application:

- ensures drilling is conveniently guided at a right angle and in the centre
- short preparation times, no fastening to the pipe required
- with retainers 53 mm, 48 mm and 43 mm

Components:

including reducing sleeve set (consisting of 60/53, 60/48, 60/43 sleeves) for drill compatibility

Material:

aluminium (Al)



Mat.-no.	Description	Diameter D	Weight	PG
		mm	kg/pc	pc
11905571001	60 mm retainer incl. reducing sleeve set	60	5.8	1

17.07 Combi set

Kombi-Set

Application:
connection of sewer pipes DN 250/315/400 made of PVC and PP to concrete pipes or reinforced concrete pipes

Components:

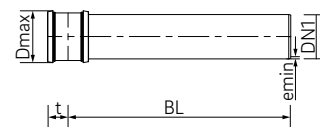
- AWADUKT SN10 pipe (0.5 m)
- connection seal (seal length 50 mm)

Material:

- Polypropylene (PP 2300)
- Styrene butadiene rubber (SBR)

Colour:

- tube, Orange
- gasket, Black



Mat.-no.	Description	DN/OD	Borehole mm	Construction length BL mm	t mm	Weight kg/pc
250						
11762311200	DN 250	250	276	500	135	8.136
315						
11762411200	DN 315	315	341	500	145	11.892
400						
11762511200	DN 400	400	426	500	170	18.539

17.08 Tools

AWADOCK Diamond drill bit, wet

Application:
for tapping GRP, concrete and reinforced concrete pipes with soft to hard aggregates and medium to high reinforcement



Mat.-no.	Description	Diameter D mm	Weight kg/pc	PG pc
11760471001*1	conncection: 1 1/4"UNC-coupler	276	10.4	1
11760481001*1	conncection: 1 1/4"UNC-coupler	341	15.4	1
11760491001*1	conncection: 1 1/4"UNC-coupler	426	22.6	1

*1 no stock item, delivery time on request



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11906471001	AWASCHACHT PP chamber base	DN 1000/200 165 deg 1-3% slope EH: 935mm	96
11906471100	AWASCHACHT PP chamber base	DN 1000/200 195 deg 1-3% slope EH: 935mm	96
11906481001	AWASCHACHT PP chamber base	DN 1000/200 180 deg 1-3% slope EH: 935mm	96
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11906571001	AWASCHACHT PP chamber base	DN 1000/250 120 deg 1-3% slope EH: 935mm	97
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11906581001	AWASCHACHT PP chamber base	DN 1000/250 135 deg 1-3% slope EH: 935mm	97
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11906681100	AWASCHACHT PP chamber base	DN 1000/315 270 deg 1-3% slope EH: 935mm	98
11906691001	AWASCHACHT PP chamber base	DN 1000/315 105 deg 1-3% slope EH: 935mm	97
11906691100	AWASCHACHT PP chamber base	DN 1000/315 255 deg 1-3% slope EH: 935mm	98
11906721001	AWASCHACHT PP chamber base	DN 1000/315 120 deg 1-3% slope EH: 935mm	97
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11906761001	AWASCHACHT PP chamber base	DN 1000/315 150 deg 1-3% slope EH: 935mm	96
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19812011250	AWASCHACHT PP chamber base DN 1200/250 GD manufactured	150
19812011315	AWASCHACHT PP chamber base DN 1200/315 GD manufactured	150
19812011400	AWASCHACHT PP chamber base DN 1200/400 GD manufactured	150
19812011500	AWASCHACHT PP chamber base DN 1200/500 GD manufactured	150
19812011630	AWASCHACHT PP chamber base DN 1200/630 GD manufactured	150
19812011710	AWASCHACHT PP chamber base DN 1200/710 GD manufactured	150
19812021200	AWASCHACHT PP chamber base DN 1200/200 AG manufactured	150
19812021250	AWASCHACHT PP chamber base DN 1200/250 AG manufactured	150
19812021315	AWASCHACHT PP chamber base DN 1200/315 AG manufactured	150
19812021400	AWASCHACHT PP chamber base DN 1200/400 AG manufactured	150
19812021500	AWASCHACHT PP chamber base DN 1200/500 AG manufactured	150
19812021630	AWASCHACHT PP chamber base DN 1200/630 AG manufactured	150
19812021710	AWASCHACHT PP chamber base DN 1200/710 AG manufactured	150
19815011200	AWASCHACHT PP chamber base DN 1500/200 GD manufactured	151
19815011250	AWASCHACHT PP chamber base DN 1500/250 GD manufactured	151
19815011315	AWASCHACHT PP chamber base DN 1500/315 GD manufactured	151
19815011400	AWASCHACHT PP chamber base DN 1500/400 GD manufactured	151
19815011500	AWASCHACHT PP chamber base DN 1500/500 GD manufactured	151
19815011630	AWASCHACHT PP chamber base DN 1500/630 GD manufactured	151
19815011710	AWASCHACHT PP chamber base DN 1500/710 GD manufactured	151
19815011800	AWASCHACHT PP chamber base DN 1500/800 GD manufactured	151
19815021200	AWASCHACHT PP chamber base DN 1500/200 AG manufactured	151
19815021250	AWASCHACHT PP chamber base DN 1500/250 AG manufactured	151
19815021315	AWASCHACHT PP chamber base DN 1500/315 AG manufactured	151
19815021400	AWASCHACHT PP chamber base DN 1500/400 AG manufactured	151
19815021500	AWASCHACHT PP chamber base DN 1500/500 AG manufactured	151
19815021630	AWASCHACHT PP chamber base DN 1500/630 AG manufactured	151
19815021710	AWASCHACHT PP chamber base DN 1500/710 AG manufactured	151
19815021800	AWASCHACHT PP chamber base DN 1500/800 AG manufactured	151
19816001110	AWASCHACHT PP chamber base DN 600/110 AG manufactured	135
19816001125	AWASCHACHT PP chamber base DN 600/125 AG manufactured	135
19816001160	AWASCHACHT PP chamber base DN 600/160 AG manufactured	135
19816001200	AWASCHACHT PP chamber base DN 600/200 AG manufactured	135
19816001250	AWASCHACHT PP chamber base DN 600/250 AG manufactured	135
19816001315	AWASCHACHT PP chamber base DN 600/315 AG manufactured	XX
19818001110	AWASCHACHT PP chamber base DN 800/110 AG manufactured	122
19818001125	AWASCHACHT PP chamber base DN 800/125 AG manufactured	122
19818001160	AWASCHACHT PP chamber base DN 800/160 AG manufactured	122
19818001200	AWASCHACHT PP chamber base DN 800/200 AG manufactured	122
19818001250	AWASCHACHT PP chamber base DN 800/250 AG manufactured	122
19818001315	AWASCHACHT PP chamber base DN 800/315 AG manufactured	122
19818001400	AWASCHACHT PP chamber base DN 800/400 AG manufactured	122
19826001110	AWASCHACHT PP energy conversion chamber DN 600/110 with spherical base	147
19826001125	AWASCHACHT PP energy conversion chamber DN 600/125 with spherical base	147
19826001160	AWASCHACHT PP energy conversion chamber DN 600/160 with spherical base	147
19828001110	AWASCHACHT PP energy conversion chamber DN 800/110 with spherical base	147
19828001160	AWASCHACHT PP energy conversion chamber DN 800/160 with spherical base	147
19828001200	AWASCHACHT PP energy conversion chamber DN 800/200 with spherical base	147
19848001110	AWASCHACHT PP pressure release chamber DN 800/110 GD with rising channel	149
19848001160	AWASCHACHT PP pressure release chamber DN 800/160 GD with rising channel	149
19848001200	AWASCHACHT PP pressure release chamber DN 800/200 GD with rising channel	149

System overview

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