

TECHNICAL BULLETIN TB142

REMOVAL / DISASSEMBLY OF F2080/SDR11 JOINTS

Product: F2080/SDR11 Compression-sleeve Joints
Date: 01 January 2017 (supersedes 06 November 2009)

If it is required to remove or disassemble a REHAU F2080/SDR11 compression-sleeve joint, use the following procedures:

Partially Assembled Fitting

If the fitting has been inserted into the pipe but the compression sleeve has not been installed, attempt to remove the fitting with tension, without damaging the fitting. If the fitting cannot easily be removed, then heat approximately 1-1.5 in (25-38 mm) of RAUPEX[®] pipe that covers the fitting using a hot air gun or torch. Rotate the pipe/fitting several times. RAUPEX non-barrier (white) pipe will turn clear; RAUPEX O₂ barrier and UV shield pipes will turn slightly darker and the pipes will become soft. Using a holding tool or gloves, remove the fitting. If a hot air gun was used to heat the pipe, pipe may be reused once completely cooled. If a torch was used, cut off and discard the amount of pipe that received direct heat or flame (minimum 3 in / 75 mm).

Completed Fitting

If the fitting has been inserted into the pipe and the compression sleeve has been installed, begin by selecting an appropriate tool for holding the fitting while it is heated. Take care not to damage the fitting. Heat the compression sleeve directly using a hot air gun (1/2 in. fittings only) or torch. Rotate the pipe/fitting several times. RAUPEX non-barrier pipe will turn clear; RAUPEX O₂ barrier and UV shield pipes will turn slightly darker, and the pipes will become soft. The compression sleeve will back away from the fitting slightly. Remove heat, and use pliers to pull the compression sleeve off the fitting. Then pull the fitting out of the pipe. Cut off and discard the amount of pipe that received direct heat or flame (minimum 3 in / 75 mm). Remove and discard the compression sleeve. Compression sleeves cannot be reused. F2080/SDR11 compression-sleeve fittings can be reused, as long as the holding tool did not damage the rib area during removal.

⚠ CAUTION! Pipe and fitting will be hot. Use gloves and a holding tool.

Approximate Removal Times (Seconds) at Room Temperature

Pipe Size (in.)	Heat Gun	Torch
1/2	90-120	30-60
3/4	N/A	30-60
1	N/A	45-90

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