



1101 McKinley Street
Anoka, MN 55303
Phone (763) 786-6682
Fax (763) 786-2167
www.polycam.com

Part Name: PP-R MJ Adaptor Transition Fitting
Part Number: 1060-xxxx



MJ Adaptor Transitions

The Poly-Cam ID Controlled MJ Adaptor Transition is a double restraint multi-level mechanical transition fitting. This design allows a non-reduction, smooth bore transition between the PP-R and Ductile pipe. The polyethylene or pipe-quality copolymer material are hydraulically compressed onto the transition fitting. The PP-R and MJ Adaptor is joined with a compression ring that restrains the PP-R onto the MJ Adaptor.

Design

Relaxation of the pipe creates a seal to prevent leakage.

A MEGALUG®, FIELD LOK®, or TUFGRIP® (Tyler Union) restraint is required to be used with this product. Standard glands will not completely restrain the expansion/contraction of the PP-R. This design allows installer to use standard length bolts instead of the more costly longer bolts. The double-restraint design also eliminates the need for wait-time in order to backfill.

- Inquire for available sizes.

System Performance

The transition fitting is designed to handle the pressure rating of the HDPE pipe with a 2:1 safety factor at 73.40 degrees Fahrenheit with a minimum 50-year design life.

Quality Assurance

The transition fitting shall be manufactured by Poly-Cam, Inc. Poly-Cam, Inc. shall provide quality assurance with regards to proper installation, compatibility, performance, and acceptance. The transition joint meets or exceeds the requirements of:

- ASTM 1598 and ASTM 1599
- Meets ANSI/ AWWA standard C-906

Installation

PP-R pipe end: Install transition fitting to comply with the pipe manufacturer's recommended procedures. All field welds shall be completed per Plastic Pipe Institute's welding procedure for butt fusion.

Ductile Fitting: The entrance of the coupling is tapered at the beginning. The polyethylene or copolymer material is cold pressed onto the coupling. This allows the material to relax into the multi-level barb system.

Material

Ductile Fitting:

- Manufactured of American-made cast ductile iron.
- The compression rings are manufactured out 304 stainless steel tubing (ASTM A249 or ASTM A269) and or ERW pipe (ASTM SA-312).

Polypropylene: PPR pipe

- PP-R pipe conforms to ASTM F2389 and CSA B137.11.

Warranty

The warranty period is one year after the date of substantial completion of installation.