

Pro-Flex™ Transition Fitting



PETR-Series

APPLICATION

The Pro-Poly™ PETR Series Transition Fitting is for use in Natural and LP (Propane) underground gas applications utilizing Polyethylene (MDPE) gas pipelines. Meets or exceeds ASTM D2513 Category 1 and ASTM F1973 specifications. Used to transition from steel underground piping to MDPE underground piping.

INSTALLATION

Product installation and system testing shall be completed by a qualified installer in accordance with NFPA 54/ANSI Z223.1 (National Fuel Gas Code), National Gas & Propane Installation Code B149.1 (Canada), state/local codes and the Pro-Flex Installation/Training Guide.

MATERIALS

Steel Gas Carrier: ASTM A53/API 5L

Pipe Threads: ASTM B117

Polyethylene Pipe: ASTM D2513

Epoxy Coating: 8mm minimum thickness, AGA 49 grey, Cathodic disbondment

testing per ASTM G8, Salt Spray testing per ASTM B117, Impact resistance

testing per ASTM G14

SPECIFICATIONS

APPROVED GASES: **LP (PROPANE) & NATURAL GAS**

MAX WORKING PRESSURE: 80 PSIG

MAX TESTING PRESSURE: 120 PSIG

ITEM # SUBMITTED: _____
JOB NAME: _____
LOCATION: _____
ENGINEER: _____
CONTRACTOR: _____
PO #: _____
TAG: _____

CODES, STANDARDS & LISTINGS:

Codes: NFPA 54, ICC Codes [IFGC, IRC, IPC, IMC], UPC, UMC

Standards: ASTM F1924-10218

Listings: IAPMO



DIMENSIONAL DATA:

Item Number	Qty per Box	Poly Pipe Size	Connection	Length
PETR-12CTS	1	1/2" CTS .090	3/4" MPT Steel Transition x 1/2"	19.5
PETR-34	1	3/4" IPS SDR 11	3/4" MPT Steel Transition	19.5
PETR-01	1	1" IPS SDR 11	1" MPT Steel Transition	19.5
PETR-0114	1	1 1/4" IPS SDR 11	1 1/4" MPT Steel Transition	19.5
PETRSDR10-0114	1	1 1/4" IPS SDR 10	1 1/4" MPT Steel Transition	19.5
PETR-015	1	1 1/2" IPS SDR 11	1 1/2" MPT Steel Transition	19.5
PETR-02	1	2" IPS SDR 11	2" MPT Steel Transition	19.5



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Underground Gas Piping