



EZ-Trans® for Gas Service



Smith-Blair EZ-Trans® is engineered to ensure a long lasting metal-to-plastic transition free of field welding or field-installed stiffeners.

A special profile gripping design and double swaged insert combine to provide reduced stresses in both axial and deflected directions.

Pressure seal is provided by both the PE pipe material and dual O-Ring seals. Each unit is pressure tested during manufacture.

EZ-Trans® Features

- No Field Welding
- No Compression on Plastic
- Stronger than PE Pipe
- No Need for Perfect Alignment

***The reliability of a transition fitting
joined with the simplicity of a bolted coupling!***

Material Specifications

MIDDLE RING:	Steel: AISI C-1010 ERW, ASTM A-513 Hydrostatically or Eddy Tested or ASTM A-53.	GRIPPING BAND: <u>IPS:</u> Steel-AISI C-1010 ERW-ASTM A513 <u>Cast Iron:</u> Stainless steel pipe (welded) Type 304 ASTM A-312 or stainless steel strip AISI 304.
FOLLOWERS:	Steel: Hot Rolled, AISI C-1008 to 1010 ASTM A-569 or Ductile Iron ASTM A-536	PRESSURE RING: <u>IPS:</u> Hot Rolled, AISI C-1010 - ASTM A569 <u>Cast Iron:</u> Stainless steel, AISI 304
GASKETS:	<u>Plain & Conductive:</u> Conductive Only Brass Springs for Conductivity <u>Insulating:</u> Natural Rubber <u>Resistance To:</u> Natural gas, natural gas odorants, carbon dioxide, water, U.V. and ozone.	WAVE SPRINGS: Steel-AISI C-1080 Spring Temper INSULATORS: <u>Follower:</u> High density polyethylene <u>Boot:</u> Polypropylene <u>Spacer:</u> PVC
BOLTS:	1/2" Trackhead (1/2" to 1 1/2" sizes) 5/8" Trackhead (2" to 12" sizes) Steel: ASTM A-242 Minimum tensile: 70,000 PSI	PRESSURE RATING: 150 WOG (PE to CI) 150 WOG (PE to Steel)
NUTS:	Steel: ASTM A-563 Grade A	
PE PIPE:	Varies by customer requirements	

Material specifications subject to change.



EZ-Trans®

EZ-Trans® Reducing CI to IPS

Nom. Size (Inches)	Pipe O.D.	Catalog Number
2 (CI) x 1¼ (IPS)	2.50 x 1.66	EZTF2516(SDR)(PE)
2 (CI) x 2 (IPS)	2.50 x 2.38	EZTF2523(SDR)(PE)
2¼ (CI) x 1¼ (IPS)	2.75 x 1.66	EZTF2716(SDR)(PE)
2¼ (CI) x 2 (IPS)	2.75 x 2.38	EZTF2723(SDR)(PE)
3 (CI) x 2 (IPS)	3.80 x 2.38	EZTF3823(SDR)(PE)
3 (CI) x 3 (IPS)	3.80 x 3.50	EZTF3835(SDR)(PE)
4 (CI) x 2 (IPS)	4.80 x 2.38	EZTF4823(SDR)(PE)
4 (CI) x 3 (IPS)	4.80 x 3.50	EZTF4835(SDR)(PE)
4 (CI) x 4 (IPS)	4.80 x 4.50	EZTF4845(SDR)(PE)
6 (CI) x 4 (IPS)	6.90 x 4.50	EZTF6945(SDR)(PE)
6 (CI) x 6 (IPS)	6.90 x 6.63	EZTF6966(SDR)(PE)
6 (OSCI) x 4 (IPS)	7.10 x 4.50	EZTF7145(SDR)(PE)
6 (OSCI) x 6 (IPS)	7.10 x 6.63	EZTF7166(SDR)(PE)

EZ-Trans® Straight IPS

Nom. Size (Inches)	Pipe O.D.	Catalog Number
1¼ x 1¼	1.66	EZTF125(SDR)(PE)
2 x 2	2.38	EZTF002(SDR)(PE)
3 x 3	3.50	EZTF003(SDR)(PE)
4 x 4	4.50	EZTF004(SDR)(PE)
6 x 6	6.63	EZTF006(SDR)(PE)
8 x 8	8.63	EZTF008(SDR)(PE)
10 x 10	10.75	UTF010(SDR)(PE)
12 x 12	12.75	UTF012(SDR)(PE)

EZ-Trans® Reducing IPS

Nom. Size (Inches)	Pipe O.D.	Catalog Number
2 x 1¼	2.38 x 1.66	EZTF2125(SDR)(PE)
3 x 2	3.50 x 2.38	EZTF032(SDR)(PE)
4 x 2	4.50 x 2.38	EZTF042(SDR)(PE)
4 x 3	4.50 x 3.50	EZTF043(SDR)(PE)
6 x 4	6.63 x 4.50	EZTF064(SDR)(PE)
8 x 6	8.63 x 6.63	EZTF086(SDR)(PE)
10 x 8	10.75 x 8.63	UTF108(SDR)(PE)
12 x 10	12.75 x 10.75	UTF1210(SDR)(PE)

How To Order:

1. Determine the outside diameter of both pipes; determine the SDR and density of the PE pipe.
2. Select the proper size combination (straight or reducing).
3. Select the part number for that combination.
4. Insert the SDR number and H (high density) or M (medium density) into the part number.

Example Part Number:

EZTF482301H

4.80" O.D. CI x 2.375" O.D. PE,
SDR 11 (011)
H for High Density.

US Patent # 5,842,726

Smith-Blair, Inc.

30 Globe Ave.
Texarkana, AR 71854
P.O. Box 5337
Texarkana, TX 75501
Ph: (870) 773-5127 • (800) 643-9705
Fax: (870) 773-5212 • (800) 648-6792
www.smith-blair.com

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