



"Better By Design"

B Series Single Sided Threaded Penetration Fittings

TECHNICAL DATA SHEET

1



These unique penetrations require only one hole (hole saw size follows product number – PF-B2 requires a 2" hole saw, etc.) The seal is molded onto the body and has a compressible conical shape allowing the penetration to seal to flat and curved surfaces.

2



Threaded penetrations are available for conduit sizes from 1/2" nominal pipe through 4" LCX pipe.

1

PF-B2 penetrations typically are used on 1/2" through 1" rigid conduits.

2

PF-B3.5 penetrations are used on pipes 1 1/2" nominal through 2" LXC and 75mm pipe.

3

PF-B5 penetrations are typically used on 2" nominal and 3" LCX.

4

PF-B6 penetrations are typically used on pipes up to 4" nominal and 4" LCX.

5

Stepdown Threaded penetration fittings with 'molded in' Series 300 Stainless air test valve manufactured in the US by Diversified.

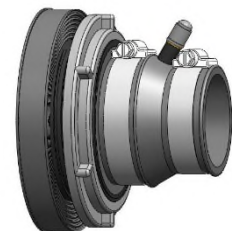
4



Bodies and nuts are manufactured out of injection molded hard plastic. These components are then CNC machined. The boot and seal are also injection molded over the body with a UV protected proprietary material to complete the assembly.

Dimensional Data and Product Numbers on Reverse

5



THIRD PARTY APPROVALS



EQ-742 EQ-801 EQ-836

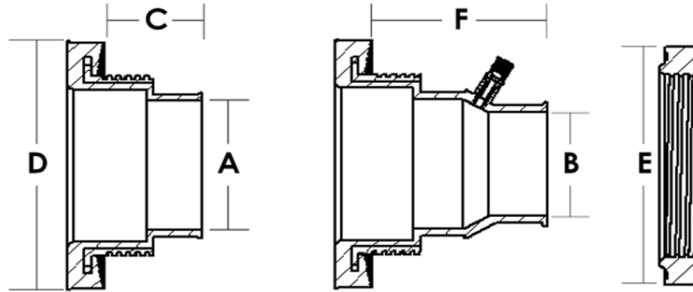
PRODUCTS USED ON THIS PROJECT

Yes No

☐	☐	Conduit Penetrations	PF-B2-_____
☐	☐	Small Flex Pipe Penetrations	PF-B3.5-_____
☐	☐	Pipe Penetrations up to 3" LCX	PF-B5-_____
☐	☐	Pipe Penetrations up to 4" LCX	PF-B6-_____



Single Sided Threaded Penetration Fitting Dimensional Data



Part Number	A	B	C	D	E	F
PF-B2-1.1	1.100	N/A	1.750	3.025	2.925	N/A
PF-B2-1.2	1.200	N/A	1.750	3.025	2.925	N/A
PF-B2-1.3	1.300	N/A	1.750	3.025	2.925	N/A
PF-B2-1.4	1.450	N/A	1.750	3.025	2.925	N/A
PF-B2-41	1.450/1.100	N/A	1.750	3.025	2.925	N/A
PF-B3.5-1.5	1.500	N/A	2.400	5.025	4.500	N/A
PF-B3.5-1.6	1.600	N/A	2.400	5.025	4.500	N/A
PF-B3.5-1.6x1.3	1.600	1.300	N/A	5.025	4.500	3.070
PF-B3.5-1.7	1.700	N/A	2.400	5.025	4.500	N/A
PF-B3.5-1.9	1.900	N/A	2.400	5.025	4.500	N/A
PF-B3.5-2.0	2.000	N/A	2.400	5.025	4.500	N/A
PF-B3.5-2.2	2.200	N/A	2.400	5.025	4.500	N/A
PF-B3.5-2.4	2.400	N/A	2.400	5.025	4.500	N/A
PF-B3.5-2.5	2.500	N/A	2.400	5.025	4.500	N/A
PF-B3.5-2.5x2.0	2.500	2.000	N/A	5.025	4.500	3.070
PF-B3.5-2.7	2.700	N/A	2.400	5.025	4.500	N/A
PF-B3.5-2.7x2.4	2.700	2.400	N/A	5.025	4.500	3.070
PF-B5-2.7	2.700	N/A	2.500	6.500	6.150	N/A
PF-B5-2.7x2.4	2.700	2.4	N/A	6.500	6.150	3.650
PF-B5-3.0	3.000	N/A	2.500	6.500	6.150	N/A
PF-B5-3.0x2.5	3.000	2.5	N/A	6.500	6.150	3.650
PF-B5-3.3	3.300	N/A	2.500	6.500	6.150	N/A
PF-B5-3.6	3.600	N/A	2.500	6.500	6.150	N/A
PF-B5-3.6x2.4	3.600	2.4	N/A	6.500	6.150	3.650
PF-B5-3.8	3.800	N/A	2.500	6.500	6.150	N/A
PF-B5-3.8x3.6	3.800	3.6	N/A	6.500	6.150	3.650
PF-B6-3.8	3.800	N/A	2.700	7.500	7.400	N/A
PF-B6-4.4	4.380	N/A	2.700	7.500	7.400	N/A
PF-B6-4.5	4.550	N/A	2.700	7.500	7.400	N/A
PF-B6-4.8	4.780	N/A	2.700	7.500	7.400	N/A
PF-B6-5.0	5.050	N/A	2.700	7.500	7.400	N/A