Spiral Wound Membrane Filtration Unit

Product Details

Part Code	Description	To fit Permeate Tube ID (inches)	Dimensions (mm/inches)			
			A	B	C	D
38-L-0830-IC-PS	3.8" Polysulfone ATD Interconnector	0.830"	96/3.78	13/0.51	18/0.71	11/0.43
38-L-0830-IC-ST06	3.8" Stainless Steel ATD Interconnector	0.830"	96/3.78	6/0.24	16/0.63	10.5/0.41
S-L-BEP	3.8" Polysulfone Blank End Plug	0.830"	27/1.06	53/2.08	16/0.63	n/a
S-L-BEP-ST	3.8" Stainless Steel Blank End Plug	0.830"	27/1.06	53/2.08	16/0.63	n/a
63-L-1138-IC-PS	6.3" Polysulfone ATD Interconnector	1.138"	160/6.29	24/0.94	16/0.63	19/0.75
63-L-1138-IC-ST08	6.3" Stainless Steel ATD Interconnector	1.138"	160/6.29	8/0.31	15/0.59	19/0.75
L-L-BEP	6.3" Polysulfone Blank End Plug	1.138"	38/1.49	53/2.08	16/0.63	n/a
L-L-BEP-ST	6.3" Stainless Steel Blank End Plug	1.138"	38/1.49	53/2.08	15/0.59	n/a
80-L-1125-IC-PS	8.0" Polysulfone ATD Interconnector	1.125"	201/7.91	26/1.02	15/0.59	18/0.71
80-L-1125-IC-ST08	8.0" S/Steel ATD Interconnector 8mm	1.125"	201/7.91	8/0.31	15/0.59	19/0.75
80-L-1125-IC-ST12-WM	8.0" Stainless Steel End ATD 12mm	1.125"	201/7.91	12/0.47	15/0.59	19/0.75
80-L-1125-IC-ST12-FM	8.0" Stainles Steel End ATD 12mm	1.125"	201/7.91	12/0.47	15/0.59	19/0.75
L-L-BEP	8.0" Polysulfone Blank End Plug	1.125"	38/1.49	53.2.08	15/0.59	n/a
L-L-BEP-ST	8.0" Stainless Steel Blank End Plug	1.125"	38/1.49	53/2.08	15/0.59	n/a
S-L-VITON	Small Orange VITON Seal	0.830"				
S-L-EPDM	Small Black EPDM Seal	0.830"				
L-L-VITON	Large Orange VITON Seal	1.138"				
L-L-EPDM	Large Black EPDM Seal	1.125"				

Part Code	Description	Length (mm)	To suit Tri-Clover ferrule size
1.5-TRI-BKSP-25-300	Flexible Permeate Hose with sample point	300	1.5"
1.5-TRI-BKSP-25-450	Flexible Permeate Hose with sample point	450	1.5"
2.0-TRI-BKBK-25-300	Flexible Permeate Hose with sample point	300	2.0"
2.0-TRI-BKBK-25-450	Flexible Permeate Hose with sample point	450	2.0"

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Spiral Wound Membrane Filtration Accessories

Anti-Telescopic-Devices (ATD) and Removal Tools

Blank End Plugs (BEP)

Lip Seals

Permeate Hoses

Removal Tools

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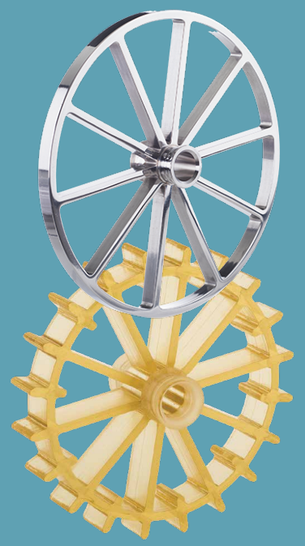
Blank End Plugs (BEP)

- Designed to ensure maximum flow to the membrane and lip seal surfaces.
- Available in Polysulfone or 316 Stainless Steel.
- Small BEP to suit Permeate Tube Internal Diameter 0.830".
- Large BEP to suit Permeate Tube Internal Diameter 1.125" and 1.138".



Anti-Telescopic-Devices (ATD)

- Designed to ensure full load support to membrane while maintaining maximum flow to the membrane and lip seal surfaces.
- Available in Polysulfone or 316 Stainless Steel.
- Three sizes to suit 3.8", 6.3" or 8.0" membranes.
- Seal profiles to suit permeate tube internal diameters: 0.830", 1.125" and 1.138".
- Stainless Steel ATDs can be custom made to suit any membrane outside diameter or any thickness.

Lip Seals

- ORANGE VITON – recommended for chlorinated systems, specifically UF and MF applications.
- BLACK EPDM – recommended for non-chlorinated systems, specifically RO and NF applications.
- Small Seal to suit permeate tube internal diameter 0.830".
- Large Seals to suit permeate tube internal diameters 1.125" and 1.138".

Smart Membrane Solutions

Permeate Hoses

- Hygenic sample point, enabling the safe identification of vessels where losses are apparent.
- Flexible so the plant can be re-assembled with ease after maintenance or plant inspection.
- Available in two lengths, 300mm and 450mm. Custom lengths can be made to order.
- Available in two connection sizes, 1.5" or 2.0" Tri-Clover Ferrule.
- 25mm (1") internal diameter hose.
- Max bend radius 130mm, max work pressure 6 bar, max temperature 60 °C.

Membrane, ATD and BEP Removal Tools

- Removal of Membrane from housing include: Housing End Cap Tool, Membrance Push Rod Tool and the Pig Membrance Removal Tool.
- Removal of ATD's and Blank End plugs from the Membranes include: 6.3" and 8.0" ATD Removal Tool and the Blank End Plug Removal tool.
- Use of Removal Tools eliminates the risk of damage to your plant, membranes and ATD's.
- Makes the removal of parts much safer than using screw drivers.
- ATD Removal Tool suitable for 6.3" and 8.0" Polysulfone and Stainless Steel ATDs.
- All tools are stored in a tough waterproof case, so the tools can be kept in wet areas for easy availability when they are required. The case has wheels for safe transport around the factory.
  All tools are easy to use.

More than 10 years application experience and independently tested to international standards verify products are suitable for food contact.

EC 1935/2004

FDA