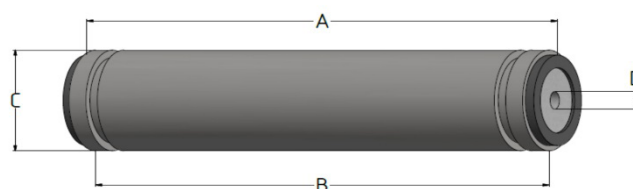


PV400-8640AH-8X0D Electrocoating Ultrafiltration (UF) Unidesign⁺ Element

Product Description*

Membrane Material / separation range	PVDF / 100kD
Item ID	PV400-8640AH-8X0D
Membrane Area	315 ft ² (29.3 m ²)
Spacer	31 mil (0.76 mm)
Construction / Housin	PVC
O-Ring Permeate	2x EPDM (Silicone Free)
Seal	None, Bypass Glued

*All components of construction are silicone free



Packaging Detail

Element Shipping Weight	Element Working Weight	Element Packaging
50 lb (23.0 kg)	90 lb (40.8 kg)	1,110 x 300 x 300 mm (27.2 kg)

A standard E-Coat element for both cationic and anionic paints. It can be used as a replacement for:

Koch 8638 M-183-LPP / S8-HFM183-LPP, 0750785
Koch 8638 M-300-LPP / S8-HFM300-LPP, 0750787

Nanostone E-Coat elements are shipped with a 0.5% solution of sodium metabisulfite and need to be flushed with RO/DI water prior to installation

Physical Dimensions

Housing Length including ATD "A"	Element Length "B"	Element OD "C"	Permeate ID "D"
39.25 in (997 mm)	37.25 in (946 mm)	8.625 in (219.1 mm)	1.290 in (32.7 mm)

Operating Parameters

Paint Flow vs. Pressure Drop*	Max. Inlet Pressure	Min. Outlet Pressure	Max. Permeate Pressure	Max. Feed Side Pressure Drop	Max. Operating Temp.**	pH Range**
80 gpm @ 28 psi (18 m ³ /h @ 2.0 bar)	70 psi @ 120°F (4.9 bar @ 49°C)	10 psi (0.7 bar)	5 psi (0.34 bar)	35 psi (2.4 bar)	64 psi @ 120°F (4.4 bar @ 49°C)	CIP: 1.5 - 10.5 OP: 2-10
84 gpm @ 30 psi (20 m ³ /h @ 2.2 bar)						

* Data based on DI water @ 77°F (25°C)

** Consult factory for detailed cleaning instruction

