

ECOAT PRODUCTS SUMMARY

High Performance Membrane Filter Element Products

The electrocoat industry has very high standards for product quality. Sepro meets these needs with a high output chemical resistant poly (vinylidene fluoride) (PVDF) membrane that is low fouling against oils and particulates. Sepro also offers polyacrylonitrile (PAN) membranes for processing anodic paints



SEPRO PROVIDES:

- Robust materials and construction for long life
- Net and High Flow designs
- Chemical and temperature tolerant poly(vinylidene fluoride) membrane
- Low fouling charge neutral membrane for processing Anodic and Cathodic electrocoat paints
- Custom configurations to meet application-specific fouling and flow rate requirements

ELEMENT DIMENSIONS AND AREA

MODEL	DIAMETER		LENGTH		AREA	
	(in)	(mm)	(in)	(mm)	(ft ²)	(m ²)
PV400-1812-31T	1.8	46	12	305	3.4	0.3
PV400-2514-31F	2.4	61	14	356	5.5	0.5
PV400-4028-31F	3.9	99	28	711	53	4.9
PV400-4032-31F	3.9	99	32	813	56	5.2
PV400-4033-31F	3.9	99	33	838	62	5.8
PV400-4037-31F	3.9	99	37	940	50	4.6
PV400-4040-31F	3.9	99	40	1016	75	7.0
PV400-4045-31F	3.9	99	45	1143	75	7.0
PV400-40515-31F	3.9	99	51.5	1308	75	7.0
PV400-5640-31F	5.5	140	40	1016	147	13.7
PV400-5640-31D	5.8	147	40	1016	147	13.7
PV400-56475-31F	5.5	140	47.5	1207	147	13.7
PV400-56515-31F	5.5	140	51.5	1308	147	13.7
PV400-6339-31D	6.4	163	39	991	165	15.3
PV400-7637-31F	7.4	188	37	940	225	20.9
PV400-7640-31F	7.4	188	40	1016	275	25.5
PV400-7640-31D	7.7	196	40	1016	275	25.5
Pv400-76405-31F	7.4	188	40.5	1029	275	25.5
PV400-76475-31F	7.4	188	47.5	1207	275	25.5
PV400-7940-31FOSR	7.9	201	40	1016	320	29.7
PV400-7940-31FSyR	7.9	201	40	1016	304	28.2

CONSTRUCTION MATERIALS

Membrane	Poly (vinylidene fluoride)
Backing	Polyester / Polypropylene
Permeate Tube	CPVC / PVC
Anti-telescoping Device	ABS
Paint Seal	EPDM

OPERATING PARAMETERS

Feed Flow (application specific)	20-100 gpm (76-379 Lpm)
Inlet Pressure (application specific)	40-60 psi (2.7-4.1 bar)
Maximum Inlet Pressure	60 psi (4.1 bar)
Maximum Temperature	120 °F (49 °C)
pH Range, continuous	2-11
pH Range, CIP	1-12