

AR SERIES POLY-RAY PLEATED FILTER

- Double Layer Structure, Absolute Rated
- Thermal Bonded End Caps and Connectors Free of Any Binders
- Certified by USP XX III and FDA CFR Title 21
- End Connections to fit Most Standard Housings

AR SERIES POLY-RAY PLEATED FILTER

LIQUATEC AR SERIES POLY-RAY PLEATED FILTERS

Manufactured with melt-blown polypropylene fiber media. Our Poly-Ray pleated filter cartridges combine exceptional dirt holding capacities with higher accuracy than depth filters. The double Layer of melt blown media provides absolute particle retention with longer service life than most other cartridges with similar design. Well suited for pre-filtration of membranes.

LIQUATEC AR SERIES POLY-RAY PLEATED FILTERS

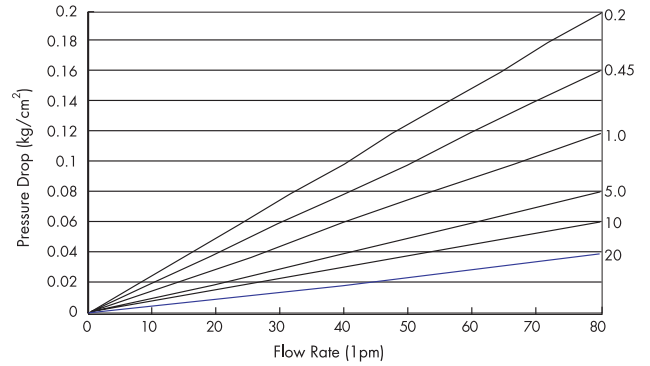
Have high flowrates with reduced pressure loss. Contains no binders, adhesives, or surfactants for a wide compatibility of solvents. Available prerinse using DI water.





AR SERIES POLY-RAY PLEATED FILTER

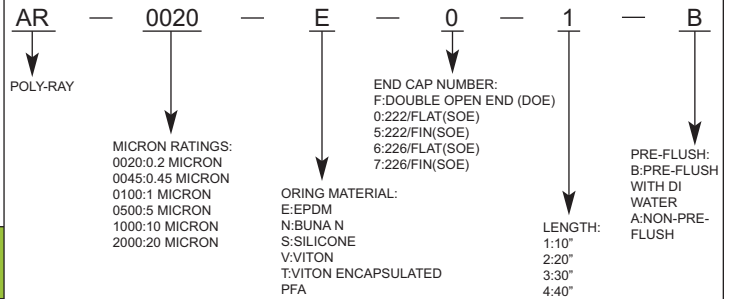
INITIAL PRESSURE DROP



MATERIALS OF CONSTRUCTION

• FILTER MEDIA	POLYPROPYLENE
• SUPPORT	POLYPROPYLENE
• CORE	POLYPROPYLENE
• END CAP	POLYPROPYLENE
• ORING	EPDM, BUNA-N, SILICONE, VITON VITON encapsulated PFA

PART NUMBER GUIDE



DISPLACES

• MILLIPORE	POLYGARD-CN
• PALL	HDC II FILTER
• PALL	ULTIPLEAT PROFILE
• CUNO	POLY FLOW-G
• CUNO	POLYPRO
• FILTERITE	POLY-FINE II

RETENTION EFFICIENCY (%)

P/N	0.2 MICRON	0.3 MICRON	0.5 MICRON	1.0 MICRON	5.0 MICRON	10 MICRON	20 MICRON
AR0020	>99.9	>99.9	>99.9	>99.9	>99.9	>99.9	>99.9
AR0045	62.3	71.9	>99.9	>99.9	>99.9	>99.9	>99.9
AR0100	30.2	67.1	73.9	>99.9	>99.9	>99.9	>99.9
AR0500	—	—	46.8	87.3	>99.9	>99.9	>99.9
AR1000	—	—	—	53.9	81.5	>99.9	>99.9
AR2000	—	—	—	—	59.3	86.9	>99.9

MAXIMUM OPERATING PRESSURE DROP-

100 F @ 80 PSID	37 C @ 5.6 kg/cm2
150 F @ 60 PSID	65 C @ 4.2 kg/cm2
180 F @ 30 PSID	82 C @ 2.1 kg/cm2

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