

acuraPEpro Super-PBT-Deep Filter Cartridges

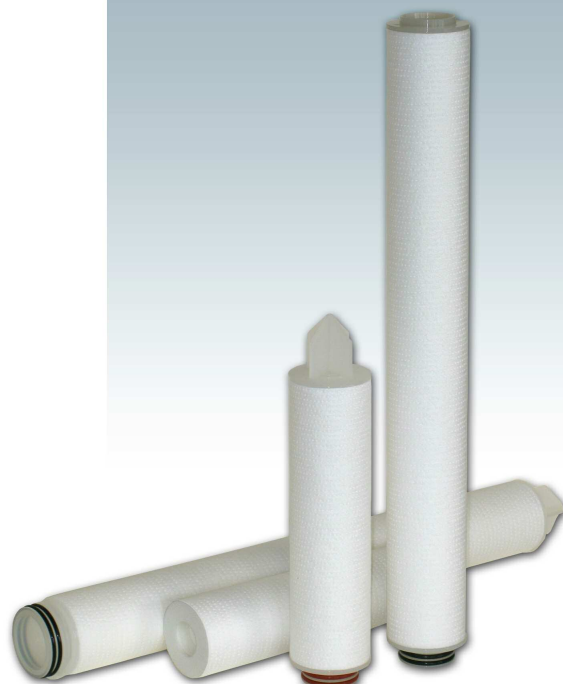
acuraPEpro depth filter cartridge is manufactured in a patented melt-blown process. The pore structure which is increasing continuously inward, provides excellent particle retention and high dirt holding capacity. The absolute deposition rate ensures reproducible results. The extraordinarily stable matrix ensures consistently high efficiency and high flow rates even when the differential pressure increases. This allows an use in many critical applications in all industrial sectors, such as fine chemicals, petroleum oils, photoresists, coatings and food.

TECHNICAL DATA

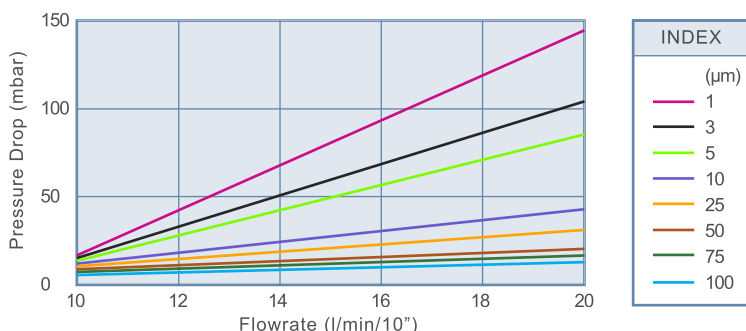
acuraPEpro

Material	Microratings	Temperature
Super-PBT (Polyester)	1 - 100 µm	max. 120°C
Max. Pressure Drop	Length	Iø / Oø
4.2 bar (20°C)	9.87" - 40"	28 / 63 mm

Recommended replaceable pressure drop: 2.1 bar



INITIAL PRESSURE DROP



APPLICATIONS

- Petroleum oils
- Filtration of water for manufacturing processes and wastewater
- Photoresist
- Acids, solvents and alkalis
- Paints and inks
- Cosmetics and pharmaceutical precursor
- Food and beverage

BENEFITS

- Micron ratings from 1 to 100 micron
- Surface pore structure spreads water flow to reduce pressure drop
- Surface fibre fortified to prevent fiber releasing
- Formed by thermal bond without use of any binders and adhesives
- Completely made of SUPER-PBT, with internal support core
- High strength and pressure resistance
- Certificated acc. EU Richtlinie 2002/72/EC
- Certificated by European Standards 1935/2004 / as well as FDA CFR Titel 21

ORDERING INFORMATION

Example : APE-10P1-F1A-0050 (254 mm long, double open end, 5 µm)

Product	Length	Material	Type	Configurations	Gaskets	Microrates
APE	09 = 9.87" 10 = 10" 19 = 19,5" 20 = 20" 29 = 29,25" 30 = 30" 40 = 40"	P = Super-PBT	1 = PEpro	F0 = double open end with endcaps F1 = double open end F2 = 222-adaptor F3 = 222-adaptor with Fin F4 = 226-adaptor F5 = 226-adaptor with Fin	A = without N = NBR E = EPDM F = FPM P = PTFE S = FEP/FPM Q = MVQ	0010 = 1 µm 0030 = 3 µm 0050 = 5 µm 0100 = 10 µm 0250 = 25 µm 0500 = 50 µm 0750 = 75 µm 1000 = 100 µm

Subject to technical alterations.
AL1070-02-E

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