

## acuraProflow® Pleated Filter Cartridge with PP Microfiber media

Constructed of melt-blown polypropylene fiber media, *acuraProflow*® pleated filter combine exceptional solids holding capacities with precise micron ratings that depth filters. The double sheets of melt-blown media are layered to provide absolute particel retention, high solid loading and long service life. *acuraProflow*® filter are also designed for membrane's pre-filtration.

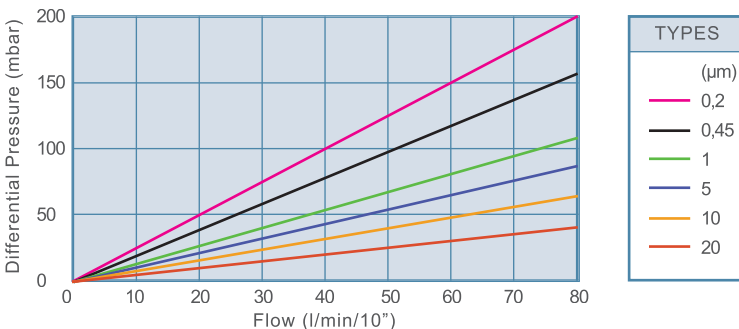
### TECHNICAL DATA

*acuraProflow*®

Material/ Filter Area	Filter Mesh	Temperature
100% Polypropylene 0,67 m <sup>2</sup> / 10" Cartridge	0,2 - 50 µm absolute (99,9%)	max. 95°C
Max. Differential Pressure	Cartridge Length	I.D. / A.D.
4,9 bar (20°C) 1,4 bar (95°C)	4,87" - 40"	28 / 69 mm



### FLOW RATE



### APPLICATIONS OF PRODUCT

- Pre-filter of membran cartridges
- Process filtration at CD/ DVD - production
- Photo emulsionen
- Pure chemicals
- Coating agent
- Pre-filtration of DI water filtration
- Acids and leachs
- Solvents, reagents and buffers
- Organic products - LVP/ SVP
- Cosmetics and pre-filtration, pharm. products
- Food and beverage
- Water treatment

### FEATURES AND BENEFITS

- Double-layers structure, absolute efficiency filter (Absolute rating 99.9%; Beta ration = 1000)
- 100% PP for compatibility with a wide range of process fluids.
- End caps and connectors sealed by thermal bond, free of binder
- Manufacture in clean room, high clean cartridge
- 30 minutes autoclavable with 121°C
- Certificated by USP XXIII and FDA CFR Title 21
- End configuration to fit all standard housings

### REFERENCE DETAIL

Example : APG-20PN-F5Q-002 (508 mm, not pre-washed, 226-bayonett connector with fin, MVQ O-rings, 0,2 µm

Product	Length	Material	Type	Connection	Gasket	Filter mesh
APG	04 = 4,87"* 09 = 9,75"* 10 = 10" 19 = 19,5"* <b>20 = 20"</b> 29 = 29,25"* 30 = 30" 40 = 40" <small>*only connection F0</small>	P = Polypropylene	N = not pre-washed S = pre-washed	F0 = Double Open End (DOE) F2 = 222-Flat F3 = 222-Flat with fin F4 = 226-Flat <b>F5 = 226-Flat with fin</b>	N = NBR E = EPDM F = FPM P = PTFE S = FEP/FPM <b>Q = MVQ</b>	<b>002</b> = 0,2 µm 004 = 0,45 µm 010 = 1,0 µm 025 = 2,5 µm 050 = 5,0 µm 100 = 10 µm 200 = 20 µm 500 = 50 µm

Subject to technical alterations.  
AL1029-03-E

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