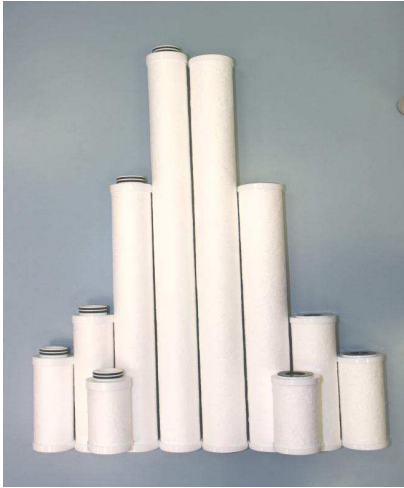


PRE FILTRATION CARTRIDGES



Melt blown cartridges

> ADVANTAGES

- **Melt blown** cartridge using latest technology,
- 100% polypropylene manufacturing, agreed by US FDA,
- No lubricant used for manufacturing,
- High chemical compatibility,
- Greater retention ability than wire-wounded or melaminated cartridges,
- Constant filtration quality during all cartridge lifespan,
- No loss of fiber unlike bobined or spun-bonded cartridges,
- Thermo marking on the cartridge for an immediate identification.

> TECHNICAL SPECIFICATIONS

- Maximum utilization conditions :
1 bar at 80 °C – 4,1 bar at 30 °C.

> APPLICATIONS

Meltblown cartridges are the adapted solution to users looking for constant efficiency at a low price and less frequent replacements.

They particularly suit:

- Industrial water treatment,
- Fruit juices, sodas, liquid sugar, ...
- Other alimentary fluids...
- Pre filtration for reverse osmosis,
- Pre filtration for demineralised water,
- Chemicals, reagents, solvents, resins,

> RANGE

- Porosity from 30 to 1 µm,
- Internal diameter: 1"1/8 (28,6 mm),
- External diameter: from 2"1/2 to 4"1/2 (from 6,35 to 11,45 cm),
- Length : from 9"3/4 à 50"
- Others sizes on demand.
- **New 6" cartridge** : maximum flow rate :



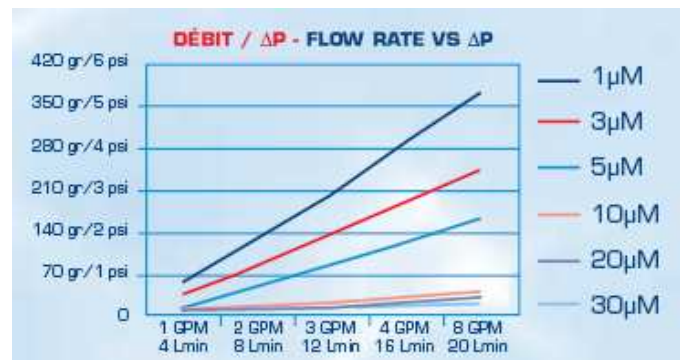
1 : Wound/bobinée
2 : Resin Bonded
3 : Melt Blown

Melt blown cartridges efficiency compared to others main technologies (GR/10'')

Temp. in °F	PSI ΔP	Temp. in °C	Bar ΔP
86	60	30	4,1
122	50	50	3,4
158	30	70	2,1
180	15	80	1,0

Max. Temperature : 180°F (80°C)

Maximum utilization conditions evolution



Flow rate evolution with differential pressure evolution



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