Borso-Max Super Pleated

Maximum Dirt Loading Filter Cartridges

Borso-Max Super Pleated Filter Cartridges: Provide the highest dirt loadings available in the market. The secret is the unique vertical pleat technology. Due to the ingenious design these filters have exceptionally high dirt loading capacities leading to:

- Minimal filtration costs
- Maximum filter life
- Minimum Waste
- Low operator exposure and handling.

Our engineers have designed the filters to have high efficiencies in combination with maximum dirt holding capacities. For the pleated version this is realised by the unique pleating technology and surface area's per filter unseen in conventional pleated filters.

Up to 10 kgs or more dirt capacity per cartridge.

Borso-Max Super Pleated filter cartridges Features and Benefits:

- Melt-blown polypropylene filter media,
- Wide chemical compatibility,
- Material meets FDA requirements,
- Flow ranges up to 20 m3/h per filter cartridge,
- Absolute rated filter media (99%),
- Exceptionally high dirt holding capacities,
- Available from 0,5 to 100 micron,
- Consistent reliable performance,
- Easy and fast filter installation,
- By-pass free seal by O-rings,
- No need for cups and springs.

Technical Data

Materials of Construction:

Filter media Filter	:	Polypropylene
Media Support	:	Polyproplylene
End Caps	:	Polypropylene
Code	:	Polypropylene
Other materials upon request.		

Dimensions:

Outside Diameter	:	166 mm
Internal diameter Length	:	39 mm
Filtration area : 14-18m2	:	995 mm

O-rings seal:

External diameter :		
Thickness	:	50,40 mm
Available in	:	3,53 mm
Silicone, viton, FEP.	:	EPDM, Buna,

Operating conditions:

Max. temperature		
Max. flow per cartridges	:	80oC
Recommended change out	:	25 m3/u,
	:	2,5 bar.

Materials of Construction:

Filter media Filter Media Support	:	Polypropylene
	:	Polyproplylene
End Caps	:	Polypropylene
Code	:	Polyproplylene
Other materials upon request.		

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Pressure Drop

Borso-Max 741B (0,5 micron): 0,14 bar @ 10 m3/h
Borso-Max 742B (1 micron): 0,11 bar @ 10 m3/h
Borso-Max 743B (2 micron): 0,08 bar @ 10 m3/h
Borso-Max 744B (5 micron): 0,05 bar @ 10 m3/h
Borso-Max 745B (10 micron): 0,03 bar @ 10 m3/h
Borso-Max 746B (15 micron): 0,03 bar @ 10 m3/h
Borso-Max 747B (25 micron): 0,03 bar @ 10 m3/h
Borso-Max 748B (40 micron): 0,03 bar @ 10 m3/h
Borso-Max 749B (70 micron): 0,02 bar @ 10 m3/h
Borso-Max 750B (100 micron): 0,02 bar @ 10 m3/h

Grafiek drukval versus flow X-as flow (m3/h) Y-as Pressure drop (bar)

	5	10	15	20
741B	0,07	0,14	0,21	0,28
742B	0,055	0,11	0,165	0,22
743B	0,04	0,08	0,12	0,16
744B	0,025	0,05	0,075	0,1
745B	0,015	0,03	0,045	0,06
746B	0,015	0,03	0,045	0,06
747B	0,015	0,03	0,045	0,06
748B	0,015	0,03	0,045	0,06
749B	0,01	0,02	0,03	0,04
750B	0,01	0,02	0,03	0,04

Dimensions:

Outside Diameter	:	166 mm
Internal diameter	:	39 mm
Length	:	995 mm

O-rings seal:

External diameter :	:	50,40 mm
Thickness Available in	:	3,53 mm
viton, FEP.	:	EPDM, Buna, Silicone,

Operating conditions:

Max. temperature	:	80oC
Max. flow per cartridges	:	25 m3/u,
Recommended change out	:	2,5 bar.

Van Borselen Filters

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