DELTAPOR “LD” FILTER CARTRIDGE

Leaflet E-08-04

FLUXA

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Large Diameter Depth Filter Cartridge

Deltapor LD spun bonded cartridge filters utilise the very latest in high strength fibre production to create a large diameter core-free element. Engineered to operate in high flow applications, the high capacity, low pressure loss media is an ideal choice for use in a wide range of water and chemical processes. No resins, binder or other materials are used in the manufacturing process, this result in a fibre free, uncontaminated process fluid.
Utilising the housings own integral support core, this cartridge shows excellent performance in terms of life, disposal costs and overall cost effectiveness when compared to conventional cartridges.

Deltapor LD cartridges are produced using a unique manufacturing process resulting in the following features:

High Efficiency Filter Media
- Available from 5 to 100 µm+
- Consistent reliable performance

Unique Construction
- Core-free design
- Free from resin binders
- High void volume, resulting in low clean Äp and excellent dirt holding capacity
- Thermally bonded fibre matrix stops fibre migration
- One piece construction up to 1013mm (40”)

Product Features
- 100% Polypropylene or Nylon throughout
- No resins, binder or anti-static agents
- Wide chemical compatibility
- High temperature resistance
- True graded density for enhanced life
- Materials meet US FDA Title 21

Deltapor LD fibers are blown continuously onto a central production mandrel, without the need for resin binders or lubrificants. This results in a one piece, core-free construction that is resistant to unloading and media shedding. True depth filtration results from the closely controlled manufacturing process and environment, which also ensures a consistent and reliable high quality element.
Elements are available in two standard sizes, 508mm (20”) and 1013mm (40”), double open ended format.

Features And Benefits

- Consistent and reliable performance and efficiency
- No resin binder-thermal bonding process stops media migration and ensure minimal extractables
- Identification imprinted on every cartridge
- Graded density structure for maximum dirt holding capacity
- Increased void volume giving high flow rates and low initial pressure losses
- Wide chemical compatibility, using 100% polypropylene or nylon media
- Range of rating from 5 to 100µm+

Industries And Applications

Food and Beverage	➢ Bottled water, Polishing lines, Powder trap filters
Fine Chemicals	➢ Solvent trap filters
Petrochemicals	➢ Amine streams, Glycol solutions, Hydrocarbon (Kerosene) based materials
General Engineering	➢ Return condensate
Metal Finishing	➢ Wash systems, Feed waters
Automovie	➢ Electrophoretic paints, Phosphate lines, Pre treatment rinse

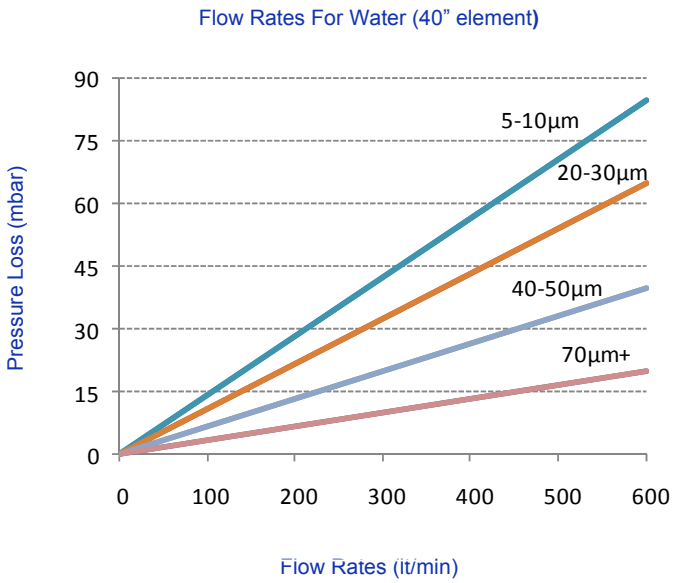
Technical Data

Material of Construction
Filter Media: Polypropylene or Nylon

Dimensions
Length: 508 and 1013mm
Outside Diameter: 152mm
Inside Diameter: 114mm

Maximum Operating Conditions
Temperature Polypropylene: 80°C
Nylon: 150°C

		P	N
Recommended Max ΔP		1.5 bar	1.5 bar
Maximum ΔP	@ 30°C @ 80°C @ 130°C @ 150°C	4 bar 1 bar N/A N/A	4 bar 2 bar 1 bar 0.5 bar



Cartridges part numbering guide

LD 40 P 010

Code	Length	Code	Media	Code	Micron rating
20	508 mm	P	Polypropylene	005	5µm
40	1013 mm	N	Nylon	010	10µm
				020	20µm
				030	30µm
				040	40µm
				050	50µm
				070	70µm
				100	100µm