



FLUXA

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CONTOUR

Large Diameter Filter Cartridge

Contour 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, binders or other materials are used in the manufacturing process, this results 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.

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

High Efficiency Filter Media

- Available from 10 to 100µm+
- Consistent reliable performance

Unique Construction

- Core-free design
- Free from resin binders
- High void volume, resulting in low clean Δp and excellent dirt holding capacity
- Thermally bonded fibre matrix stops fibre migration
- One piece construction up to 1010mm (40")

Manufacturing Properties

- 100% Polypropylene or Nylon throughout
- No resins, binders or anti-static agents
- Wide chemical compatibility
- High temperature resistance
- True graded density for enhanced life

Contour fibres are blown continuously onto a central production mandrel, without the need for resin binders or lubricants. 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.

Two standard size elements are available, 505mm (20") and 1010mm (40"), double open ended format.



Contour Features And Benefits

- Consistent and reliable performance and efficiency
- No resin binder-thermal bonding process stops media migration and ensures 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 10 to 100µm+

Technical Data

Material of Construction

Filter Media: Polypropylene or Nylon

Dimensions

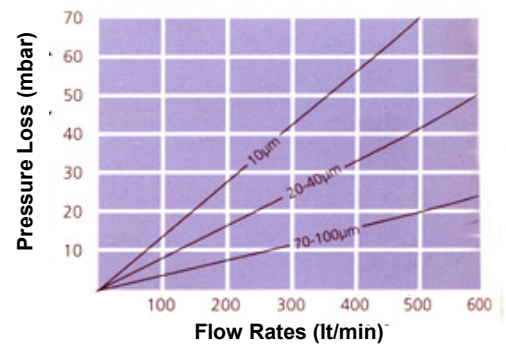
Length: 505 and 1010mm
 Outside Diameter: 152mm
 Inside Diameter: 114mm

Maximum Operating Conditions

		PW	NW
Recommended ΔP	@ 20° C	1.5 bar	1.5 bar
Maximum Δ	@ 20° C	* 2.5	* 3.0
	@ 50° C	* 2.0	* 2.5
	@ 80° C	* 1.0	* 1.5

* Expected

Flow Rates For Water (40" element)



Ordering Guide

14 ○ ○ ○ ○ - ○ ○ ○ ○ ○ A

Media	Core Material	Micron Rating	Length	Connections	Seal
P - Polypropylene N - Nylon	W - Without core	010-10µm 020-20 030-30 040-40 050-50 070-70 100-100	20-505mm 40-1010	N-None	N-None

Example:

14PW020-40NNA = Polypropylene media, no core, 20µm rating, 1010mm (40") long

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), Wax based materials |
| General Engineering | ➤ Return condensate |
| Metal Finishing | ➤ Wash systems, Feed waters |
| Automotive | ➤ Electrophoretic paints, Phosphate lines, Pre treatment rinse |