



# 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 Δp 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 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.

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+

