

Borso-Spun PP

Nominal Rated Polypropylene Filter Cartridge

Borso-Spun PP is the latest development in nominal rated spun bonded filter cartridge design. Produced to give true graded density and high porosity, these elements excel against similarly rated cartridges in terms of life and cost effectiveness. The superior structure remains integral even under severe operating conditions and is less prone to media migration and breakthrough often found on other spun bonded products.

Borso-Spun PP cartridges are produced using a unique manufacturing process resulting in the following features:

Nominal Rated Filter Media

- Available from 1 to 150µm
- Consistent reliable performance

Unique Construction

- One piece high strength all polypropylene moulded support core, also available in coreless construction,
- High void volume, resulting in low clean Δp and excellent dirt holding capacity
- End cap welded direct to the core for extra security and strength
- Thermally bonded fibre matrix stops fibre migration
- One piece construction up to 1016mm (40")

Manufacturing Properties

- 100% Polypropylene
- Materials meet FDA requirements throughout
- WRc listed for potable water production facilities
- No resins, binders or anti-static agents
- Wide chemical compatibility

Borso-Spun PP fibres are blown continuously onto a central moulded support core, without the need for binders, resins, or lubricants. This results in a one piece construction that is resistant to unloading and media shedding. True depth filtration results from the closely controlled fibre production in manufacturing, and also the process environment which ensures a consistent and reliable high quality element.



Borso-Spun Nominal Features & Benefits

- Consistent and reliable performance and efficiency
- 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 to meet FDA requirements
- Range of Nominal ratings from 1 to 150µm
- Thermal bonding process stops media migration and ensures minimal extractables