Spun bonded filter cartridges are made up of 100% polypropylene fibers. The fibers have been carefully spun together to form a true gradient density from outer to inner surface. Filter cartridges are available with core & without core version. The superior structure remains integral even under severe operating conditions and there is no media migration. Polypropylene fibers are blown continuously on central molded core, without any binders, resins or lubricants.

**Spun Bonded Filter Cartridge**

**Operation**

Unfiltered fluid passes through depth filter matrix and enables the progressive retention of finer particles, which provides high efficiency, high dirt retention & long filter life. Fluid flows from outside to inside through filter media. Particulates are held securely in the filter matrix and clean fluid flows to the downstream side of cartridge.

**Salient Features**

- Free of surfactants, binders and adhesives
- Excellent flow with low pressure drop
- High dirt holding capacity
- High strength & pressure resistance
- 100% Polypropylene for wide chemical compatibility
- One piece construction up to 1016 mm & more
- Nominal & absolute filtration rating
- NSF42 and FDA CFR title 21 Certified cartridges are available.

**Technical Specifications**

- Sizes 10", 20", 30", 40", 50", 60" Long
- Micron Rating 1, 5, 10, 25, 50, 75, 100
- Outer Diameter 64 mm (2.5"), 114mm (4.5"), 6", 8"
- Inner Diameter 25mm, 28 mm, 48 mm

**Construction**

- Double Open Type (DOE Type)
- Code 7F (226 ‘O’ Ring Design / Flat)
- Code 3F (222 ‘O’ Ring Design / Flat)
- Code 7S (226 ‘O’ Ring Design / Bayonet)
- Code 3S (222 ‘O’ Ring Design / Bayonet)

**Applications**

- Food & Beverages Bottled water, Flavor, Polishing Lines
- Pharmaceuticals Water product clarification, Membrane filter
- Fine Chemicals Solvents, Process Streams, Water Purification
- Petrochemicals Water flood, Completion Fluids, Amines
- Electronics Electroplating, Etching, Image development
- Metal Finishing Metallizing, paint and resin products, Wash
- Petrochemicals Water flood, Membrane filtration, Foam lines
- Water treatment Membrane filtration, Foam lines
- Petrochemicals Water flood, Membrane filtration, Foam lines
- Metal Finishing Metallizing, paint and resin products, Wash

**Efficiency of Filtration**

- Particle Diameter (micron)
- Filtration Efficiency (%)
- Initial Pressure Drop
- Flow Rate (lpm)

**Pressure Drop (kg/cm²)**

- Particle Diameter (micron)
- Pressure Drop (kg/cm²)

**Configuration**

- Spun bonded filter cartridges are made up of 100% polypropylene.

**Spun Bonded Filter Cartridge**

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