

# DIYA TRADERS

*Filtration Made Simple*

## Spun Bonded Filter Cartridge



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.

### 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

### Configuration

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

### Construction

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

### Applications

• Food & Beverages	Bottled water, Flavors, Polishing Lines
• Pharmaceuticals	Base product clarifications, Membrane prefilter
• Fine Chemicals	Solvents, Process Streams, Water Purification
• Magnetic coating	Dispersions, Coating Lines, Solvents
• Petrochemicals	Water flood, Completion Fluids, Amines
• Cosmetics	Alcohols, Essential oils, Water lines
• Water Treatment	Membrane Protection, Resin Trap
• Metal Finishing	Plating solution, paint and resin products, Wash
• Electronics	Electroplating, Etching, Image development

