

CMC String Wound Filter Cartridge

Our string wound filter cartridges, with textile fiber yarn of PP, absorbent cotton and glass fiber wound by special pattern onto Polypropylene, stainless steel or tinned steel skeleton, are structured loose outer layers and tight inner layers which can offer true depth filtration for high dirt holding capacity; and extremely low media migration to ensure temperature and chemical compatibility. The main advantage of the string wound filter cartridge is its exceptionally high structural strength, therefore, they can withstand severe operating conditions.



Features:

- Fits all the standard housings
- Low pressure drop, high dirt holding capacity and long service life
- Loose outer layers and tight inner layers offers effective depth filtration
- Various filter media fit with various applications

Applications:

- Chemical lotion, oil and painting
- Semiconductor
- Daily life water, Food & Beverage
- Pharmaceuticals
- Electroplating solution

Specifications:

- Filter media: polyethylene, cotton, glass fiber
- Outside diameter: 55mm,61mm,63mm,65mm,115mm
- Inner diameter: 28mm,30mm
- Length:5", 10", 20",30", 40"
- Micron Rating: 0.5 micron, 1micron, 5micron, 10miron, 25micron, 30micron, 50micron, 75micron, 100micron.....
- Polypropylene material for non-organic solvent, maximum recommended operating temperature≤60°C
- Polypropylene material with stainless steel core for non-organic solvent, maximum recommended operating temperature≤80°C
- Absorbent cotton material filter cartridge with stainless steel core apply to organic solvent, water, oil, alkalinity solvent, beverage, pharmaceuticals, maximum recommended operating temperature≤180°C

The Comparison between flowrate & filtration precision:

| Micron rating (µm) | 1 | 3 | 5 | 10 | 20 | 30 | 50 | 100 |
|----------------------|-----|------|-----|-----|-----|-----|-----|-----|
| Max flow rate (m3/h) | 0.4 | 0.45 | 0.5 | 1.1 | 1.5 | 2.0 | 2.4 | 3.5 |

ORDERING INFORMATION

| CODE | MICRON RATING | CENTER CORE MATERIAL | LENGTH |
|------|---|--|--|
| PW | 05: 0.5 µm 1 : 1 µm 3 : 3 µm 5 : 5 µm 10: 10 µm 25: 25 µm 50: 50 µm 100:100 µm | P - Polypropylene S – Stainless Steel | 5 : 5" 10 : 10" 20 : 20" 30 : 30" 40 : 40" |

DISTRIBUTED BY:
HIGH PURITY TECHNOLOGIES INC
Rm. 1402 Jafer Place Building
19 Eisenhower St. Greenhills, San Juan MM
Tel No: +632-7235040; Fax No: +632-7235039