

## Micro clean

### Description

Micro Clean Filter employ a Melt-Blown pp micro filber with 100% polypropylene support and porous outside/inside cage .

The Micro Clean Filter provides superior flow rates and dirty holding capacity due to the multiple layered construction .

Filter cartridges are using the welding techniques and manufactured in cleaning room enable the smallest contaminant extraction and higher durability .

### Specification

Micron Rating:

0.2 $\mu$ m, 0.45 $\mu$ m, 1 $\mu$ m(plus: absolute)

2.5 $\mu$ m, 5 $\mu$ m, 10 $\mu$ m, 20 $\mu$ m, 40 $\mu$ m, 70 $\mu$ m(absolute)

Material of Construction:

Medium:Melt-Blown PP micro filber

Core, cage and endcaps: Polypropylene

Support and drainage: Polypropylene

Length:10~40 inches

Outer Diameter :69mm

Inner Diameter :28mm

### Operation Conditions

Maximum operating temperature:

95°C/203°F

Maximum operating forward pressure drop:

2.81kg/cm<sup>2</sup> (40 psi) at 82°C(180°F)

5.62kg/cm<sup>2</sup> (80 psi) at 24°C(75°F)

### Benefits and Features

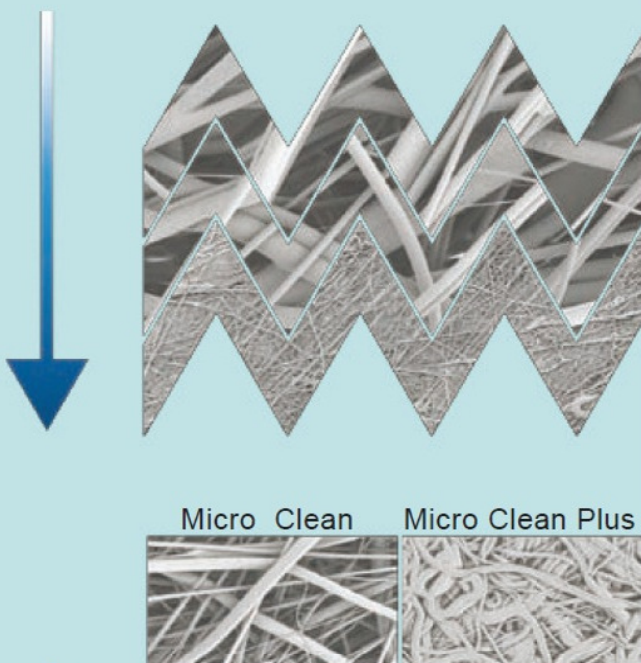
All polypropylene media and construction meet a broad range of performance requirements

High contaminant holding capacity

No extractable, ensure superior downstream cleanliness.

Superior retention of colloids and particles ensure low particle counts to protect your process

Fits most available housings

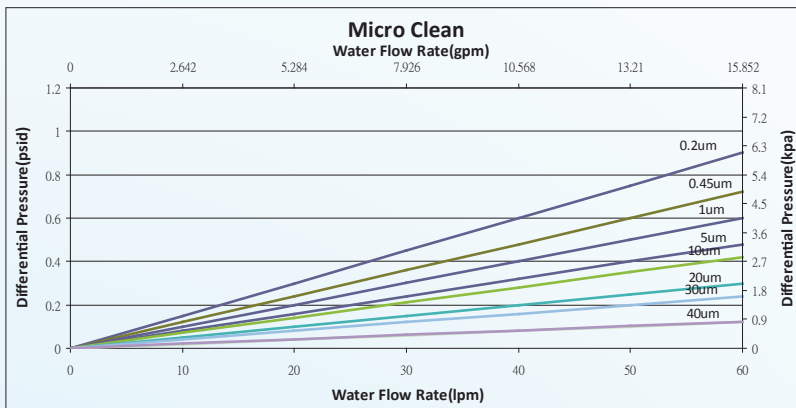
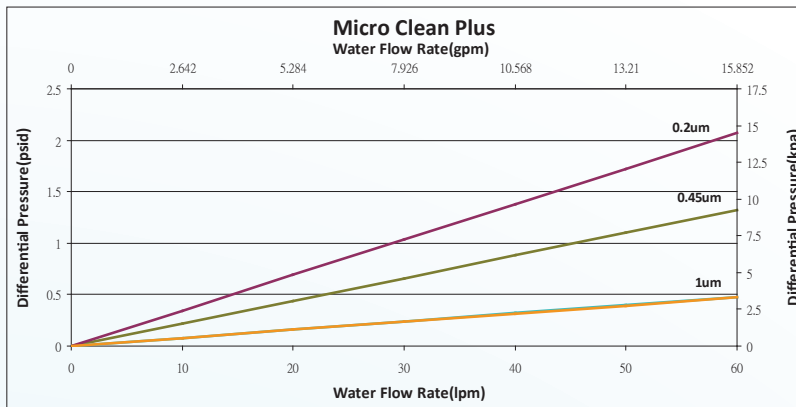


## Applications of product

TFT-LCD: wet etching, stripping, developer, cleaning  
 TN/STN: wet etching, stripping, developer, cleaning  
 Color Filter: wet etching, stripping, developer, cleaning  
 Beverage/Wine clarification  
 RO/DI Pre-filtration

## Performance

### Flow Rate VS Pressure Drop



## Code Principle

MC	S	D10	1	E	DO	A	-H
Product Name	Grade	Rating(um)	Length	O-ring	Code Number	Pre-flush	Special
Micro Clean	S: Standard P: Plus	B20 : 0.2 B50 : 0.5 C10 : 1 C30 : 3 C50 : 5 D10 : 10 D20 : 20 D30 : 30 D40 : 40 D50 : 50 D75 : 75 E10 : 100	A : 5" 1 : 10" 2 : 20" 3 : 30" 4 : 40"	E : EPDM S : Silicone V : Viton T : PFA encapsulate viton	DO : Double Open (full length) TO : Double Open 2C : 222/Cap 2S : 222/Spear 6C : 226/Cap 6S : 226/Spear 2F : 222(with tabs, Autoclavable)/Cap 2B : 222(with tabs, Autoclavable)/Spear 6F : 226(with tabs, Autoclavable)/Cap 6B : 226(with tabs, Autoclavable)/Spear	A : pre-flush with DI water N : Non pre-flush	-H : Alcohol soaked