

CAUSAPURE Depth Filter Cartridge with graded density

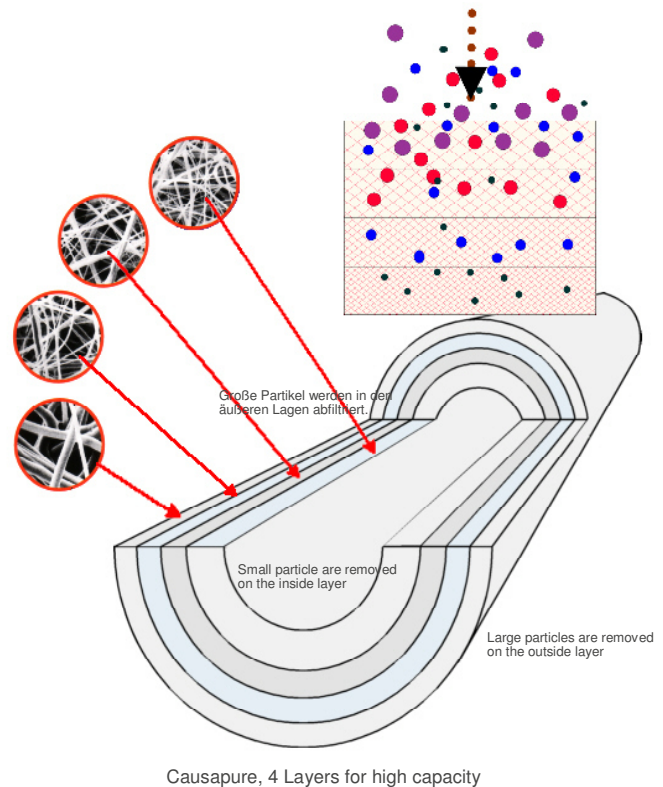
The Causapure depth filter cartridge was manufactured by four different pore diameter of spray nozzle. The four-layers structure PP depth cartridge is functioned with fine fibers in inner and coarse fibers and outer layer which constitutes four different pore diameter in order to filtrate particles in different layer. This design has high contaminant holding capacity. Therefore the filter has a longer service life and lower pressure drop.

Features & Benefits

- Four-layers structure cartridge, high contaminant holding capacity, long filter service life.
- 100% PP for compatibility with a wide range of process fluids.
- Micro - denier melt blown filtration fibers, high removal ratings.
- Formed by thermal bond without use of any binders and adhesives.
- Certificated by NSF42 and FDA CFR Title 21

Applications of product

- Electroplating, etching and image Development process in PCB industry
- Filtration of electroplating fluid in conventional electroplating industry.
- Pre-filter of DI & RO water filtration system for industry.
- Filtration of low viscosity fluids of chemical.
- Filtration of water for manufacturing process and recycled water.



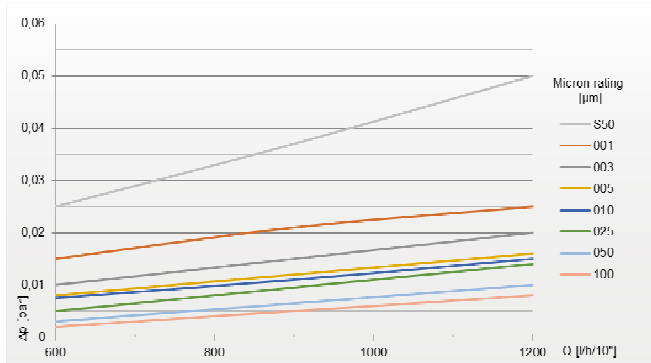
Product Specifications

Micron ratings	0.5; 1; 3; 5; 10; 25; 50; 75; 100µm
Materials of construction	100 % Melt-Blown Micro-Denier
Length	5"; 9,87"; 10"; 19,75"; 20"; 30", 40"
Inner diameter	28mm
Outer diameter	63mm

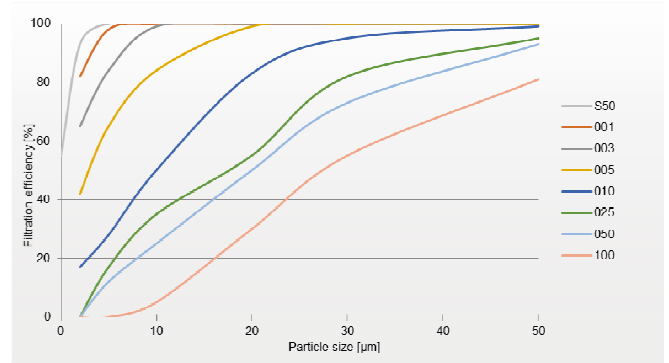
Operating Conditions

Maximum differential pressure @20° C	3.2bar
Maximum differential pressure @60° C	1.8bar
Recommended replaceable pressure drop	1.5bar
Maximum operating temperature	60°C

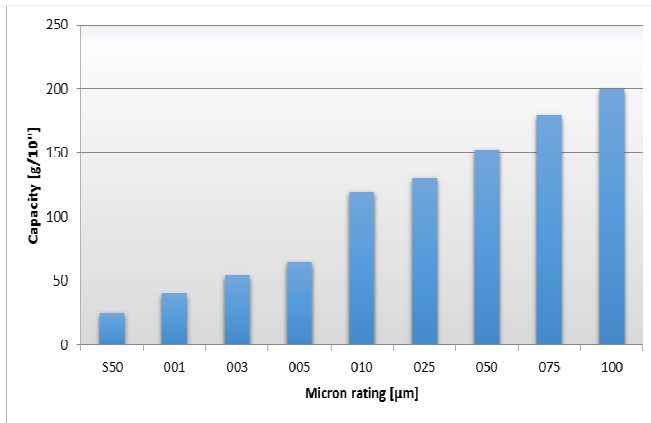
Flow



Filtration efficiency



Dirt loading capacity



Ordering Information for Causapure CPR

Example: CPR-025-20-DOX = Causapure, filtration efficiency 25μm, 508mm long, double open end, no gaskets

CPR-	XXX-	XX-	XX	X
Cartridge Code	Particle Removal Rating (μm)	Nominal Length (in)	End Cap Configuration	Gasket O-Ring Material
CPR = Causapure (4 layer)	S50 = 0.5 001 = 1.0 003 = 3.0 005 = 5.0 010 = 10 025 = 25 050 = 50 075 = 75 100 = 100	05 = 5" (125mm) 09 = 9.87" (250mm) 10 = 10" (254mm) 19 = 19.75" (500mm) 20 = 20" (508mm) 30 = 30" (762mm) 40 = 40" (1016mm)	DO = double open end SF = 226 O-ring / Fin SC = 226 O-ring / flat TF = 222 O-ring / Fin TC = 222 O-ring / flat XT = single open end ^(new) with plastic spring	B = NBR E = EPDM S = Silicone V = FKM T = PFA encapsulated Viton X = no gasket

Adapter- and Endcap Configuration

