

Polyester Filter Bag

Introduction

MT FILTER's polyester filter bags are suitable for a wide range of applications such as the filtration of paints and varnishes, inks, chemicals, process water and many more. Polyester filter bags comply with the industry standard of a bypass-free filter bag construction.

Advantages and Features

- ◇ The pressure-activated collar provides a flexible, chemically resistant seal which adapts to any bag filter housing
- ◇ Special surface treatment significantly reduces fiber release
- ◇ Suitable for high temperature
- ◇ Standard sizes as well as custom designs available
- ◇ Material is free from silicone and crater-forming substances
- ◇ Production under ISO 9001 : 2015 quality systems

Product

- ◇ Low initial pressure drop filter bag
- ◇ Filter made from non-woven material
- ◇ Low-cost, high efficiency filter
- ◇ Applications for high viscosity liquids
- ◇ Effective removal of solid particles
- ◇ Two types available: Sewn and welded



Construction



Fiber



Sewn



Branding



Welded

Specifications and Operation Conditions

Material	Needle Felt Polyester				
Micron rating	0.5, 1, 5, 10, 25, 50, 75, 100, 150, 200, 300 Micron				
Size	Size 1: 7" x 17"	Size 2: 7" x 32"	Size 3: 4" x 8"	Size 4: 4" x 14"	Size 5: 4" x 20"
Max. Water Flow Rate (m ³ /h)	20	40	6	12	18
Filter Area (m ²)	0.25	0.50	0.09	0.16	0.20
Recommended operating differential pressure	2.5kg/cm ²				
Max. operating differential pressure	≤4kg/cm ²				
Max. operating temperature	150°C/302°F				

Product Code

PE — **0A** — **P1** — **F** — **L** — **NY**

<p>Micron Rate</p> <p>0A : 0.5 micron 001 : 1 micron 005 : 5 micron 010 : 10 micron 025 : 25 micron 050 : 50 micron 075 : 75 micron 100 : 100 micron 150 : 150 micron 200 : 200 micron 300 : 300 micron or Special design</p>	<p>Size</p> <p>P1 : Size 1 (7" x 17") P2 : Size 2 (7" x 32") P3 : Size 3 (4" x 9") P4 : Size 4 (4" x 15") P5 : Size 5 (4" x 20") X100 : 55 cm (6" x 55 cm) T : T Ring (4" x ___) #6 : 6 Ring (4.5" x ___) 8 : 8 Ring (8" x ___) SP : Customized</p>	<p>Collar Type</p> <p>SS : Stainless Steel S : Carbon Steel F : F Type G : G Type N : Non Collar U : Band</p>	<p>Manufacture Type</p> <p>Blank : Sewn L : Welded</p>	<p>Collar Material</p> <p>Blank : Polypropylene NY : Nylon PE : Polyester E : Santoprene</p>
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