

Polypropylene Filter Bag

Introduction

MT FILTER's polypropylene 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. Polypropylene filter bags comply with the industry standard of a no-pinhole and 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
- ◇ Certificated by FDA
- ◇ Production under ISO 9001:2015 quality systems

Construction



Fiber



Branding



Sewn



Welded



Specifications and Operation Conditions

Material	Polypropylene				
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	≤ 90°C				

Product Code

PO

0A

Micron Rate

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

P1

Size

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

F

Collar Type

SS : Stainless Steel
 S : Carbon Steel
 F : F Type
 G : G Type
 N : Non Collar
 U : Band
 N : Nylon
 E : Santoprene

L

Manufacture Type

Blank : Sewn
 L : Welded

NY

Collar Material

Blank : Polypropylene
 NY : Nylon
 PE : Polyester
 E : Santoprene