

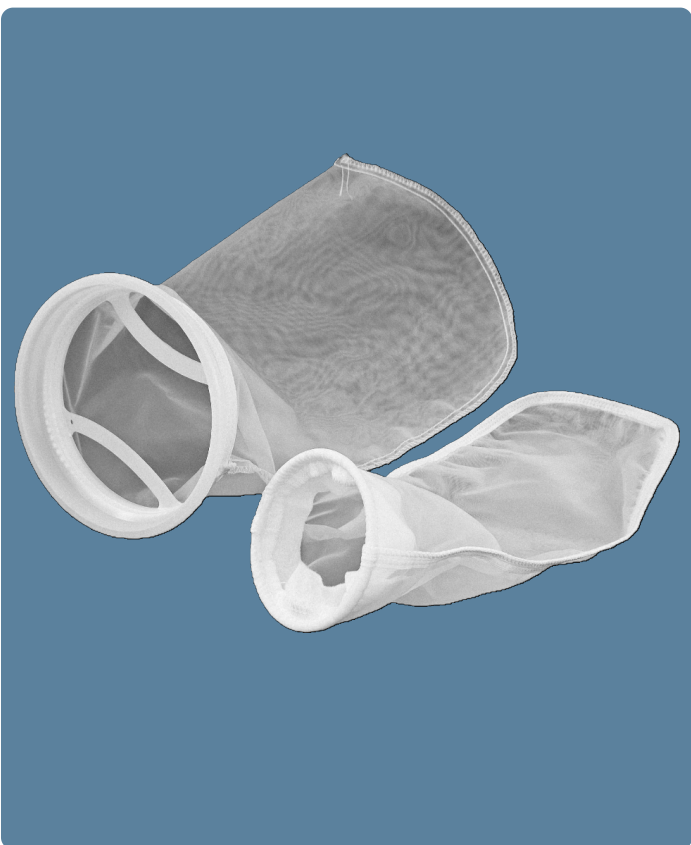
Datasheet TechBag-M

Mono-Filament Mesh Filter Bags

High-performance mono-filament mesh filter bags for efficient depth filtration and high dirt holding capacity

Our mesh filter bags are a cost effective solution to applications with high dirt loading and the requirement for long service and effective removal efficiency and precision. Mesh filter bags have very precise mesh opening sizes meaning that micron rating is very clearly defined. They are non fibre shedding and are resistant to contaminant unloading.

Combining the benefits of strainers and disposable filter bags, mesh filter bags work well in higher micron rating applications where larger particulate is needed to be removed.



Key Features

- Available in Polyamide (PA), Polyester (PES), Polypropylene (PS) and PTFE (PTFE) giving broad choices for extensive chemical compatibility.
- Filter bags offer excellent chemical resistance, mechanical strength, and dependable performance across a wide range of industrial applications
- Available with sewn in steel ring, GAF-style & FSI-style collars
- High dirt holding capacity ensures long service life before blockage
- Silicone free manufacturing
- Bypass Free and non fibre-shedding
- Low cost bulk particulate removal
- European manufactured

Technical Specifications

Micron Rating Table									
Available Micron Rating	1	5	10	15	20	25	45	50	60
Part Code	01	05	10	15	20	25	45	50	60
PA - Nylon / Polyamide	*	*	*	*	*	*	*	*	*
PES - Polyester	*	*	*	*	*	*		*	*
PS - Polypropylene									
PTFE - PTFE								*	

Micron Rating Table									
Available Micron Rating	70	80	100	125	150	200	300	400	500
Part Code	70	80	100	125	150	200	300	400	500
PA - Nylon / Polyamide	*	*	*	*	*	*	*	*	*
PES - Polyester	*	*	*		*	*	*	*	*
PS - Polypropylene			*	*	*	*	*	*	*
PTFE - PTFE		*			*	*	*		*

Parameter	Specifications
Filter Media	PA - Nylon (Polyamide) Mesh PES- Polyester Mesh PS - Polypropylene Mesh PTFE - PTFE Mesh
Filter Type	Mesh Bag Filter
Maximum Operating Temperature	PA 120°C PES 120°C PS 80°C PTFE 260°C
Sizes	Size 1 180mm Ø x 430mm length Size 2 180mm Ø x 810mm length Size 3 105mm Ø x 230mm length Size 4 105mm Ø x 380mm length Special sizes available on request
Max Flow Rate (typical - based on water)	Size 1 20 m3/hr Size 2 40 m3/hr Size 3 6 m3/hr Size 4 12 m3/hr
Surface Area	Size 1 0.25 m2 Size 2 0.50m2 Size 3 0.08m2 Size 4 0.13m2
Service Life	Application dependent (oil load or time based)

Disclaimer
All information provided is indicative and subject to change without prior notice. Final suitability must be confirmed by application-specific evaluation and testing.

Applications

- Process water filtration
- Industrial feed water
- Liquid Sugar & other food & beverage applications
- Paints, Resins & coatings
- High viscosity fluids
- Cooling water and condensate treatment
- Treatment of wash water and cleaning effluents
- Chemical filtration and clarification

Installation

- Install in a compatible industrial filter housing
- Ensure correct flow direction where applicable
- Commission system according to operating guidelines

Maintenance

- Washable and reusable
- Recommended change-out dP - 1.5 bar
- Maximum dP 2.5 bar
- Dispose of used filters in accordance with local environmental regulations

Certifications & Compliance *

- The filter element is FDA compliant in accordance with CFR Title 21, Part 177, and meets the requirements of EC 1935:2004 and EU 10/2011, making it suitable for safe contact with food and beverage applications

*PP and PE media only

Ordering information			
Media	Micron Rating	Size	Collar Type
PA - Nylon	According to table	P01 - Size 1	S - Plastic Sentinel / GAF Style
PES - Polyester		P02 - Size 2	P - Plastic Polyloc / FSI Style
PS - Polypropylene		P03 - Size 3	RG - Steel ring
PTFE - PTFE		P04 - size 4	

Example article code: PA100P02S
Example article description: TechBag-M, Nylon Mesh filter bag, 100um, Size 2, Sentinel / GAF style collar