

HFC Disposable Needlefelt Filter Bags designed to provide effective filtration for a wide range of applications using a variety of filter media. They are manufactured using the latest technology to ensure structural integrity and provide greater security during demanding process conditions.

HFC Filter Bags adopt the use of needlefelt type media which provides both surface and depth filtration for maximum dirt capacity.



## Product Features

- ▶ Polypropylene (PO), Polyester (PE), PTFE (PTF), NOMEX (NMX), and PTFE + Membrane (PTFME), needlefelt media, rated between 1 - 200  $\mu\text{m}$ .
- ▶ Wide chemical compatibility and PTFE version available for aggressive process conditions.
- ▶ Double integral handles available.
- ▶ FDA compliant material.

All HFC bags are designed to filter from the inside to outside, leaving contamination inside the bag for simple disposal. These needlefelt bags can be used for both pre and final filtration duties.

## Product and Benefits

- ▶ PTFE bags are offered with or without PTFE membrane and are ideal for the filtration of corrosive fluids
- ▶ Optional moulded polypropylene flange with handles for superior sealing and ease of handling
- ▶ FDA and EC food contact compliant materials available
- ▶ Wide selection of filter media and support ring materials
- ▶ Identification supplied with every bag
- ▶ Silicone free for use in automotive paint applications

## Industries and Applications

<b>Pharmaceutical</b>	Bulk transfer, Catalyst removal, Powder trap.
<b>Cosmetics</b>	Creams, Lotions, Gels, Filling head trap filter.
<b>Metal Finishing</b>	Wash solutions, Paints, Resins, Varnishes.
<b>Water Treatment</b>	Membrane protection (Reverse osmosis, nano), Resin trap, Potable water.
<b>Automotive</b>	Cooling fluid, Electrophoretic paints, Degreasing systems, Phosphate filter.
<b>Chemical</b>	Bulk transfer lines, Tanker discharge and loading lines.
<b>Petrochemical</b>	Amine and Glycol systems, Bulk kerosene processing, Solvent transfer lines.

Recommended Maximum Differential Pressure: 4 Bar

## Ordering Guide

Media		Maximum Operating Temperature	
PO - Polypropylene (1-200 micron)		PO	110 °C
PE - Polyester (1-200 micron)		PE	190 °C
NMX - Nomex (1-100 micron)		NMX	205 °C
PTF - PTFE (1,5,10 micron)		PTF	260 °C
PTFME + PTFE membrane (1 micron)		PTFME	260 °C

  

Length	Ring Size	Ring Type
43cm	180 mm	R – Carbon Steel, Zinc Plated Ring
81cm	100 mm	
23cm		P – Polypropylene Moulded Seal Flange (F&R Type)
38cm		
*Special dimensions upon request	*Other special options are available upon request	S-Stainless Steel
		*Other special options are available upon request

## Micron Rating (µm)

1 - 5 - 10 - 25 - 50 - 100 - 200

