



# Fil-Trek

# NERA PLEAT SILVER

Deep Pleated Bag Filters  
Nominally Rated  
Universal



Water



Desalination



Chemicals



Electronics



Oil/Gas



Air/Gas



Inks/Paints/ Coatings



Power



Coolants



Pulp & Paper

## NERA PLEAT SILVER Nominally Rated Pleated Filter Bags

### FEATURES:

- Deep pleated bag filters engineered for higher flow applications and lower initial pressure drops.
- Nominally rated with retention ratings between 1µm and 200µm at 90-95% efficiencies.
- Silicone free construction.
- Two layers of polypropylene or polyester media along with thermally bonded end caps help prevent particulate bypass and offers 5-10 times the surface area of standard bag filters.
- Broad chemical compatibility.
- Polypropylene and polyester materials meet FDA regulations for food contact under CFR21, Section 177.1520.

### TYPICAL APPLICATIONS

- Potable Water
- Pre RO Filtration
- Vegetable Oil
- Lubricants
- Paints
- Produced Water
- Amines
- Waste Water
- Petrochemicals
- Glycols
- Refineries
- Membrane Pre-filtration

### FIL-TREK CORPORATION

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# MERA PLEAT SILVER

Deep Pleated Bag Filters  
Nominally Rated  
Universal

### Element Specifications

**Maximum Differential Pressure**  
35 PSIG @ 200°F (93°C)

### Dimensions

P1: 6 5/8" dia. x 12" long  
7 1/8" dia. x 12" long (BC end cap)

P2: 6 5/8" dia. x 26" long  
7 1/8" dia. x 26" long (BC end cap)

### Materials Available

#### Media

Polypropylene  
Polyester

#### Flange/Collar

Polypropylene  
Buna-N  
EPDM  
Viton

#### Temperature Limit

Polypropylene @ 200°F  
Polyester @ 275°F

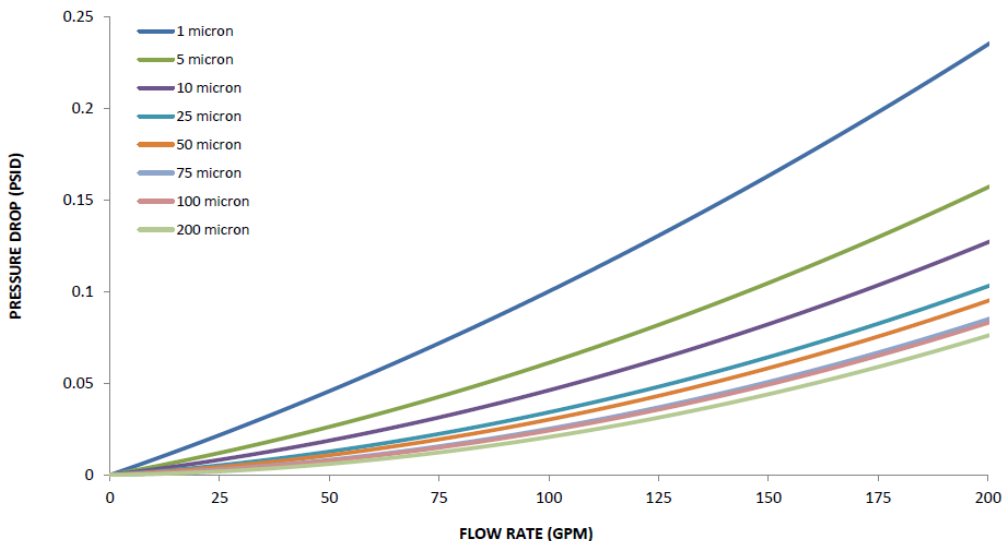
## FILTER DETAILS

The MPS pleated bag filters are ideal for applications where a nominally rated efficiency is suitable. With two pleated layers of felt media, the MPS filters provide 5 to 10 times the surface area of a traditional bag filter. These filters are best used in applications where flow rates are high but have an initial low pressure drop.

Available in Polypropylene and Polyester media and sizes to fit industry standard P1 and P2 bag filter housings, these filters are offered in micron ratings ranging from 1 to 200. All end caps are thermally bonded to prevent particulate bypass.

MICRON	PLEAT PACK CONSTRUCTION
1	5/1 PLEAT PACK
5	10/5 PLEAT PACK
10	25/10 PLEAT PACK
25	50/25 PLEAT PACK
50	75/50 PLEAT PACK
75	100/75 PLEAT PACK
100	200/100 PLEAT PACK
200	200/200 PLEAT PACK

## FLOW CHART



## PRODUCT NOMENCLATURE

MPS	PE	25	2	BN	-
SERIES	MEDIA	MICRON	SIZE	O-RING MATERIAL	OTHER
MPS - MERA PLEAT SILVER	PO - POLYPROPYLENE	1	1 - 6.25" X 12"	BN - BUNA (STD)	(-) - 6 5/8" OD END CAP (STD)
	PE - POLYESTER	5	2 - 6.25" X 26"	ED - EPDM	BC - 7 1/8" OD END CAP
		10		VI - VITON	
		25			
		50			
		75			
		100			
		200			

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