



# Filter Element -Pleated



Ideal for Paint System Flushing

A Superior Alternative to Filter Bags  
A longer lasting bag in Cartridge Form

## MAIN FEATURES

- Absolute removal ratings for consistent and reliable performance.
- High Flow, low pressure loss
- Large surface area gives longer life
- Available from 1 to 400µm
- **PP** – Wide chemical compatibility using 100% polypropylene to meet FDA requirements. (Waterborne System Flushing)
- **GP** – Glass microfiber media gives excellent dirt holding capacity. (Solvent borne System Flushing)
- **MP** – Nylon monofilament mesh offers selective retention with the ability to be cleaned. Mp Grade is A Direct Filter bag replacement (P3 &P4 sizes)
- 100% Thermally welded construction for maximum integrity and strength

## TECHNICAL DATA

### Materials of Construction

	PP	GP	MP
Filter Media:	Polypropylene	Glass Microfibre	Nylon
Media Support:	Polypropylene	Polyester	Monofilament
End caps:	Polypropylene	Polypropylene	Polypropylene
Core:	Polypropylene	Polypropylene	Polypropylene
Support cage:	Polypropylene	Polypropylene	Polypropylene

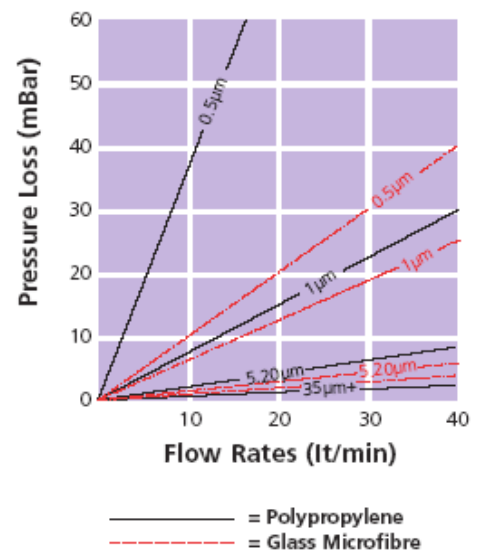
### Dimensions (10")

	PP	GP	MP
Typical Surface Area:	0.55m <sup>2</sup> (5.92ft <sup>2</sup> )	0.4m <sup>2</sup> (4.31ft <sup>2</sup> )	0.3m <sup>2</sup> (3.23ft <sup>2</sup> )
Outside Diameter:	66mm (2.6")		
Core Diameter:	28mm		

### Maximum Operating Conditions

	PP core	GFPP core
Recommended Δp	1.5 Bar	1.5 Bar
Maximum Δp @20C	4.0	4.0
@50C	1.5	2.5
@80C	0.25	1.0

Flow Rates For Water (10" element)





## Filter Element Pleated

### Part Number Selection for Standard Elements

PAINT FILTER ELEMENT SELECTION (Pleated)						
5" Cartridge – Disposable Element (Nylon Pleated Mesh)				5" Cartridge – Cleanable Element (Stainless Steel Pleated Mesh)		
Grade $\mu\text{m}$	100	200	400	100	250	450
Part No.	03MP100-053VP	03MP200-053VP	03MP400-053VP	05SSP100-053VP	05SSP250-053VP	05SSP450-053VP

PAINT FILTER ELEMENT SELECTION (Pleated)						
10" Cartridge – Disposable Element (Nylon Pleated Mesh)				10" Cartridge – Cleanable Element (Stainless Steel Pleated Mesh)		
Grade $\mu\text{m}$	100	200	400	100	250	450
Part No.	03MP100-093VP	03MP200-093VP	03MP400-093VP	05SSP100-093VP	05SSP250-093VP	05SSP450-093VP

PAINT FILTER ELEMENT SELECTION (Pleated)						
20" Cartridge – Disposable Element (Nylon Pleated Mesh)				20" Cartridge – Cleanable Element (Stainless Steel Pleated Mesh)		
Grade $\mu\text{m}$	100	200	400	100	250	450
Part No.	03MP100-203VP	03MP200-203VP	04MP400-203VP	05SSP100-203VP	05SSP250-203VP	05SSP450-203VP

#### **ITW Automotive Finishing**

ITW Automotive Finishing  
Justus-von-Liebig-Straße 31, 63128 Dietzenbach. DE  
Tel. +49 (0) 6074 403 1 Fax. +49 (0) 607 403 300  
General e-mail: [info@itwautofinish.eu](mailto:info@itwautofinish.eu)  
Web: <http://www.itwautofinish.eu>

#### **ITW Automotive Finishing**

ITW Automotive Finishing  
Ringwood Road, Bournemouth, Dorset BH11 9LH. UK  
Tel. +44 (0)1202 571 111 Fax. +44 (0)1202 573 488  
General e-mail: [info@itwautofinish.eu](mailto:info@itwautofinish.eu)  
Web: <http://www.itwautofinish.eu>

ITW Automotive Finishing  
163-171, Av. des Auréats, 26014 Valence cedex. FR  
Téléphone : +33 (0) 4 75 75 27 53 Télécopie: +33 (0) 4 75 75 27 79  
General e-mail: [info@itwautofinish.eu](mailto:info@itwautofinish.eu)  
Web: <http://www.itwautofinish.eu>