



CLEARPLEAT

FILTER CARTRIDGES



FILTER SPECIALISTS, INC.

Innovative Solutions. Clear Results.



The Ultimate Choice is Clear...

New **ClearPleat PC**

You want the highest-performance and greatest positive impact to the bottom-line possible.

The solution is here.

Unique Construction – Constructed like a cartridge with the inside/out flow of a filter bag and it fits in a standard filter basket.

Longer service life – up to 10 times as long as standard products.

Greater product quality consistency – lower pressure drops and much more!

From a name you know and trust.

*Announcing the new “performance grade”
pleated filter cartridge*

ClearPleat PC *from FSI.*



Critical Applications Require "Performance Grade" Solutions

The **New** ClearPleat PC (Performance Grade)

The Clear Choice for these Applications:

Product	Typical Filtration Range Micron Range	Media
■ Solvents	1-10	Microfiber
■ Clearcoat	10-35	Microfiber
■ Primer	25-60	Microfiber or Mesh
■ Solids	45-110	Mesh
■ Aluminum / Metallic, Pearl	110-165	Mesh

FEATURES	BENEFITS
Absolute Rated (99.98%)	Consistent & Repeatable filtration
Pleated Media	Long Service Life (high surface area) Less Product Loss (fewer changeouts)
Thermal Bonded Construction	Improved Cleanliness Ultrasonic bonding of side seal eliminates debris
Fits BFNP 13 & 14, FSPN 20 & 35	No Retrofit Costs
Inside to Outside Flow	Contamination is captured on the inside of the element
No Crater Causing Contaminants	Safe for use in all paint applications

Durable & Long-Lasting Thermally Fused Construction

Injection Molded Polypropylene Cage One-piece Construction

Construction

Dual Cage of Polypropylene
 Polypropylene End Caps
 PleatPack - Ultrasonically bonded side seal
 CPPCNM Nylon Mesh Material
 CPPCMF Polypropylene Microfiber

HOW TO ORDER

Example

CP PC MF 50 P 3

CODE:

Pleated Cartridge

TYPE:

PC

MATERIAL:

MF - Microfiber

NM - Nylon Monofilament Mesh

MICRON:

MF

1, 5, 10, 20, 35, 50

NM

40, 60, 85, 110, 140, 165

END CAP:

P - Polypropylene

SIZE:

MF/NM - 3, 4

EFFICIENCY RATINGS

Material	Micron Ratings		Flow Rates	
	99.98%	size	GPM @ 1psid	GPM @ 2psid
Microfiber (MF)	1	3	3	5
Microfiber (MF)	5	3	4	7
Microfiber (MF)	10	3	4.5	8
Microfiber (MF)	20	3	5	10
Microfiber (MF)	35	3	7	15
Microfiber (MF)	50	3	10	20
Microfiber (MF)	1	4	5	9
Microfiber (MF)	5	4	8	17
Microfiber (MF)	10	4	9	19
Microfiber (MF)	20	4	11	>20
Microfiber (MF)	35	4	12	>20
Microfiber (MF)	50	4	15	>20
Mesh (NM)	40	3	11	>20
Mesh (NM)	60	3	12	>20
Mesh (NM)	85	3	14	>20
Mesh (NM)	110	3	15	>20
Mesh (NM)	140	3	15	>20
Mesh (NM)	165	3	16	>20
Mesh (NM)	40	4	11	>20
Mesh (NM)	60	4	12	>20
Mesh (NM)	85	4	14	>20
Mesh (NM)	110	4	15	>20
Mesh (NM)	140	4	15	>20
Mesh (NM)	165	4	17	>20



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Filter Specialists, Inc. is a leader in filtration products. FSI offers custom filter design and manufacturing. For more information on other products and services, visit www.fsifilters.com or email sales@fsifilters.com

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