



Custom Service & Design, Inc.

P.O. Box 214923  
AUBURN HILLS, MI 48321

PHONE: 248.340.9005  
FAX: 248.340.9002

WWW.CUSTOMSERVICEANDDESIGN.COM

**FILTER BAGS**  
**BULLETIN: FB07-01**

## CUSTOM SERVICE & DESIGN, INC. (CSD) FILTER BAGS

THE FOLLOWING OPTIONS ARE  
AVAILABLE:

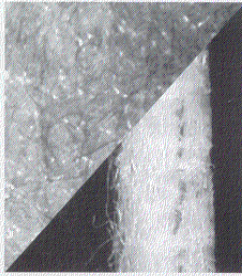
- ⇒ HEAVY DUTY HANDLES
- ⇒ GLAZED FINISH
- ⇒ MESH COVERS
- ⇒ PAINT BAGS
- ⇒ DRAWSTRINGS
- ⇒ REVERSIBLE SEAMS
- ⇒ STAINLESS STEEL RINGS
- ⇒ SPECIALTY BAGS AVAILABLE



**CSD's** CONTINUING INVESTMENT IN MANUFACTURING TECHNOLOGY AND INNOVATIVE NEW DESIGNS RESULT IN UNIQUE AND STATE-OF-THE-ART PRODUCTS TO SOLVE SPECIAL FILTRATION PROBLEMS. OUR PRODUCTS ARE CONTINUOUSLY IMPROVED AND UPGRADED TO PROVIDE THE CUSTOMER WITH THE BEST VALUE POSSIBLE.

# Types of Filter Media

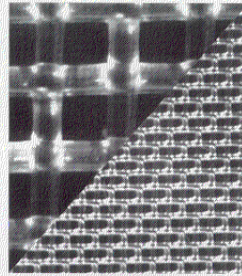
7x  
flat  
view



**POLYESTER FELT**  
25 MICRON

7x  
cross  
section  
view

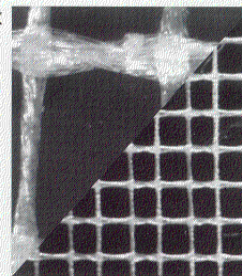
40x



**NYLON MONOFILAMENT**  
250 MICRON

7x

40x



**POLYESTER MULTIFILAMENT**  
800 MICRON

7x

## STANDARD FIBERS AND MICRON RATINGS

MEDIA	FIBER	AVAILABLE MICRON RATINGS																	
		1	3	5	10	15	25	50	75	100	125	150	175	200	250	300	400	600	800
FELT	POLYESTER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
	POLYPROPYLENE	✓	✓	✓	✓		✓	✓		✓									
	NYLON	✓	✓	✓	✓	✓	✓	✓	✓	✓									
MULTIFILAMENT MESH	POLYESTER									✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	NYLON									✓	✓	✓	✓	✓			✓	✓	✓
MONOFILAMENT MESH	NYLON			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	POLYPROPYLENE															✓		✓	

The above chart lists only the fibers and micron ratings most commonly used. There are many other fibers available in a variety of micron ratings, i.e. cotton, saran, teflon, acrylic, nomex and polyethylene.

## MAXIMUM OPERATING TEMPERATURE

FIBER	TEMP. LIMITS (max°F)
Polyester	325°F
Polypropylene	225°F
Nylon	325°F
Nomex Nylon	475°F
Teflon	500°F

## CHEMICAL COMPATIBILITY

FIBER	ANIMAL			ORGANIC ACIDS	OXIDIZING AGENTS	MINERAL ACIDS
	ORGANIC SOLVENTS	VEGETABLE & PETRO OILS	ALKALIES			
Polyester	Excellent	Excellent	Good	Good	Good	Good
Polypropylene	Excellent	Excellent	Excellent	Excellent	Good	Good
Nylon	Excellent	Excellent	Good	Fair	Poor	Poor
Nomex Nylon	Excellent	Excellent	Good	Fair	Poor	Poor
Teflon	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent

\*Chart is to be used as a guide. User should make tests with specific media to assure compatibility.

## FILTER BAG SIZES

BAG SIZE	DIAMETER (inches)	LENGTH (inches)	SURFACE AREA (sq. ft.)	BAG VOLUME (gallons)
3	4.12	8	0.5	0.5
4	4.12	14	1.0	1.0
7	5.10	15	1.3	1.3
8	5.10	21	2.0	1.5
9	5.10	32	3.4	2.8
1	7.06	16.5	2.0	2.1
2	7.06	32	4.4	4.6



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