

# ABTREX

## Melt Blown Filter

### Melt Blown Filters

an economical, disposable, filter element that can be used for a wide range of applications.

The depth filter is constructed of 100% polypropylene media for chemical compatibility with a wide range of process fluids.

### Filter Features - Benefits

- FDA listed polypropylene media
- Economical depth filtration
- High dirt holding capacity
- Gradient density fixed pore construction eliminates dirt unloading as DP increases
- Thermal bonded end caps optional
- MBF filters are free of binders, adhesives and surfactants

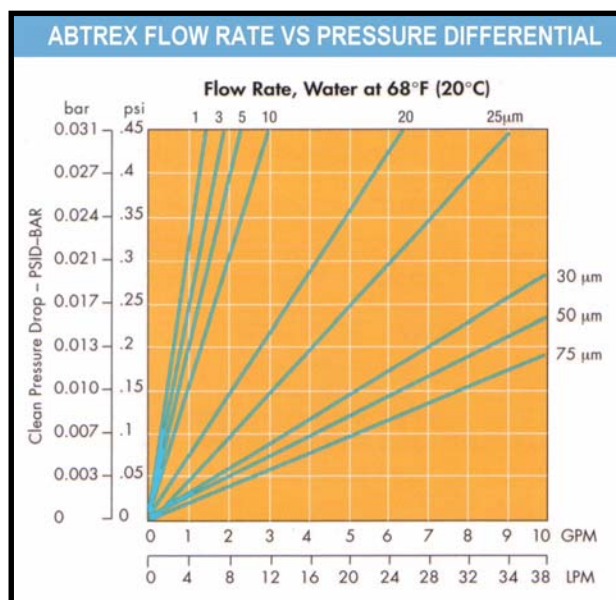


### Applications

- Food & beverages
- Aqueous solutions
- Chemicals
- Blowdown post filter
- Wastewater
- Rad Waste
- Magnetic tape coatings
- RO prefilters
- Inks

### Filter Specifications

Media	Polypropylene
End caps:	Polypropylene
Gaskets/O-rings	Silicone, Viton, EPDM, Buna - N
Micron ratings	1, 3, 5, 10, 20, 30, 50, 75
<b>Dimensions</b>	
Typical nominal lengths	9 7/8", 10", 20" 30", 40"
Other lengths available	
Outside diameter	2.5"
Inside diameter	1.0"
Maximum differential pressure	50 psid @ 70 deg. F 25 psid @ 140 deg. F
Recommended change-out pressure	35 psid



### FDA listed materials

All polypropylene material used in manufacturing complies with the regulations of the food and Drug Administration (FDA) title 21 of the code of federal regulations sections 174.5, 177.1520 and 177.1630 as applicable for food and beverage contact.

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<b>End caps:</b>	Polypropylene
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<b>Micron ratings:</b>	1, 3, 5, 10, 20, 30, 50, 75µm

### ORDERING GUIDE

AX	10	-	9 7/8	S3	E
PRODUCT CODE	MICRON		LENGTH	END CAP CONFIGURATON	GASKET/O-RING
ABTREX FILTER CARTRIDGE	1		4 7/8	Blank = Basic DOE	Blank = None
	3		9 7/8	P = DOE W/Flat gaskets	B = Buna - N
	5		19.5	XT = PP Core Extension	E = EPR
	10		20	P3 = 222 W / Flat end	S = Silicone
	20		29.25	P7 = 226 W / Flat end	V = Viton
	30		30	P8 = 222 W / Fin end	PG = Polyethylene
	50		40	AM = AMETEK internal oring	Flat Gaskets

Part number Example : AX10-9 7/8

### High Dirt Holding Capacity

- True-graded density captures particles throughout entire filter depth
- fewer changeouts which translates to money
- progressively higher density toward the center
- increases filter changeouts.

### Wide Range of Lengths & Adapters

- Standard lengths fit most housings—custom lengths can also be provided
- Wide range of polypropylene end-adapters including gaskets, extended cores and
- If required, specify FDA-compliant sealing materials and end adapters

### Consistent Performance

The purity and reliability of ABTREX cartridge filters ensure consistent results, time after time.

Thermally bonded micro fibers create a strong secure cartridge that traps particles throughout its depth. ABTREX combines efficiency, long life and purity to create a high performance depth filter.

- Pure polypropylene construction
- Fast rinse-up in high purity applications
- Meets the requirement of the FDA Title 21 of the Code of Federal Regulations 174.5 and relevant subparts of 177
- Wide chemical compatibility
- Automated packaging for a clean finished product
- NSF Standard 42 certified