



# STANDARD FILTER

C O R P O R A T I O N

Phone: 760.929.8559 • 1.800.634.8537 • Fax: 760.929.1901 • www.standardfilter.com  
5928 Balfour Court • Carlsbad, California 92008

## Low Temperature Materials



Recommended continuous operation temperature:	275°F
Maximum (short time) operation temperature:	300°F
Supports combustion:	Yes
Biological resistance (bacteria, mildew):	No Effect
Resistance to alkalis:	Fair
Resistance to mineral acids:	Fair +
Resistance to organic acids:	Fair
Resistance to oxidizing agents:	Good
Resistance to organic solvents:	Good
Available weights:	10 oz. - 22 oz.

Recommended continuous operation temperature:	210°F
Maximum (short time) operation temperature:	225°F
Supports combustion:	Yes
Biological resistance (bacteria, mildew):	Good
Resistance to alkalis:	Good
Resistance to mineral acids:	Good
Resistance to organic acids:	Good
Resistance to oxidizing agents:	Good
Resistance to organic solvents:	Good
Available weights:	12 oz. - 18 oz.



Recommended continuous operation temperature:	190°F
Maximum (short time) operation temperature:	210°F
Supports combustion:	Yes
Biological resistance (bacteria, mildew):	Excellent
Resistance to alkalis:	Excellent
Resistance to mineral acids:	Excellent
Resistance to organic acids:	Excellent
Resistance to oxidizing agents:	Good
Resistance to organic solvents:	Excellent
Available weights:	12 oz. - 18 oz.



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## Low Temperature Materials Specifications

### 10 oz. POLYESTER SHAKERFELT

STYLE	PE10SU
PRIMARY APPLICATIONS	DRY FILTRATION
PROPER TY	U.S. SYSTEM
FIBER CONTENT	100% POLYESTER
CONSTRUCTION	NEEDLE PUNCHED, SELFSUPPORTED
WEIGHT	10 OZ./SQ YD. NOM.
THICKNESS	0.050" - 0.070"
FINISH	SINGED
MULLEN	250 PSI MIN.
PERMEABILITY	35 - 55 CFM@ 0.5" W.G.
TEMPERATURE	275°F CONTINUOUS TO 300°F SURGE

### 12 oz. POLYESTER

STYLE	PE12SU
PRIMARY APPLICATIONS	DRY FILTRATION
PROPER TY	U.S. SYSTEM
FIBER CONTENT	100% POLYESTER
CONSTRUCTION	NEEDLE PUNCHED, SELFSUPPORTED
WEIGHT	12 OZ./SQ YD. NOM.
THICKNESS	0.050" - 0.070"
FINISH	SINGED
MULLEN	350 PSI MIN.
PERMEABILITY	30 - 50 CFM@ 0.5" W.G.
TEMPERATURE	275°F CONTINUOUS TO 300°F SURGE

### 16 oz. POLYESTER

STYLE	PE16SU
PRIMARY APPLICATIONS	DRY FILTRATION
PROPER TY	U.S. SYSTEM
FIBER CONTENT	100% POLYESTER
CONSTRUCTION	NEEDLE PUNCHED, SELFSUPPORTED
WEIGHT	16 OZ./SQ YD. NOM.
THICKNESS	0.075" NOM.
FINISH	SINGED
MULLEN	400 PSI MIN.
PERMEABILITY	25 - 40 CFM@ 0.5" W.G.
TEMPERATURE	275°F CONTINUOUS TO 300°F SURGE

### 18 oz. POLYESTER

STYLE	PE18SU
PRIMARY APPLICATIONS	DRY FILTRATION
PROPER TY	U.S. SYSTEM
FIBER CONTENT	100% POLYESTER
CONSTRUCTION	NEEDLE PUNCHED, SELFSUPPORTED
WEIGHT	18 OZ./SQ YD. NOM.
THICKNESS	0.080" NOM.
FINISH	SINGED
MULLEN	425 PSI MIN.
PERMEABILITY	25 - 35 CFM@ 0.5" W.G.
TEMPERATURE	275°F CONTINUOUS TO 300°F SURGE

### 16 oz. COMBO™ FELT

STYLE	CB16GU
PRIMARY APPLICATIONS	DRY FILTRATION
PROPER TY	U.S. SYSTEM
FIBER CONTENT	60/40 POLYESTER/POLYPROPYLENE
CONSTRUCTION	NEEDLE PUNCHED, SELFSUPPORTED
WEIGHT	16 OZ./SQ YD. NOM.
THICKNESS	0.075" - 0.095"
FINISH	GLAZED
MULLEN	400 PSI MIN.
PERMEABILITY	30 - 50 CFM@ 0.5" W.G.
TEMPERATURE	210°F CONTINUOUS TO 225°F SURGE

### 16 oz. POLYPROPYLENE

STYLE	PP16GU
PRIMARY APPLICATIONS	DRY FILTRATION, LIQUID FILTRATION
PROPER TY	U.S. SYSTEM
FIBER CONTENT	100% POLYPROPYLENE
CONSTRUCTION	NEEDLE PUNCHED, SELFSUPPORTED
WEIGHT	16 OZ./SQ YD. NOM.
THICKNESS	0.080" NOM.
FINISH	GLAZED
MULLEN	400 PSI MIN.
PERMEABILITY	20 - 40 CFM@ 0.5" W.G.
TEMPERATURE	190°F CONTINUOUS TO 210°F SURGE

All specifications subject to change in order to improve product performance.