



STANDARD FILTER CORPORATION

Phone: 760.929.8559 • 1.800.634.8537 • Fax: 760.929.1901 • www.standardfilter.com
3801 Ocean Ranch Blvd., Unit 107 • Oceanside, CA 92056

Specialty Materials

HOMOPOLYMER ACRYLIC FELT



Recommended continuous operation temperature:	250°F
Maximum (short time) operation temperature:	275°F
Supports combustion:	Yes
Biological resistance (bacteria, mildew):	Good+
Resistance to alkalis:	Fair
Resistance to mineral acids:	Good+
Resistance to organic acids:	Excellent
Resistance to oxidizing agents:	Good
Resistance to organic solvents:	Good+
Available weights:	15 oz. - 18 oz.

EPITROPIC FELT (ANTI-STATIC)

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:	14 oz. - 16 oz



WOVENS

ACRYLIC
COTTON
FIBERGLASS
NOMEX®/CONEX®

POLYESTER
POLYPROPYLENE
RYTON®
TEFLON®

Due to the variety of constructions and weights of the woven materials, we suggest that you contact a Standard Filter representative to help with your particular needs



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Specialty Material Specifications

16 oz. ACRYLIC

STYLE	AC16SS
PRIMARY APPLICATIONS	DRY FILTRATION
<u>PROPERTY</u>	<u>U.S. SYSTEM</u>
FIBER CONTENT	100% ACRYLIC
CONSTRUCTION	NEEDLEPUNCHED, SCRIM-SUPPORTED
WEIGHT	16 OZ./SQ YD. NOM.
THICKNESS	0.085" - 0.105"
FINISH	SINGED
MULLEN	450 PSI MIN.
PERMEABILITY	25 - 40 CFM@ 0.5" W.G.
TEMPERATURE	250°F CONTINUOUS TO 275°F SURGE

18 oz. ACRYLIC

STYLE	AC18SS
PRIMARY APPLICATIONS	DRY FILTRATION
<u>PROPERTY</u>	<u>U.S. SYSTEM</u>
FIBER CONTENT	100% ACRYLIC
CONSTRUCTION	NEEDLEPUNCHED, SCRIM-SUPPORTED
WEIGHT	18 OZ./SQ YD. NOM.
THICKNESS	0.080" - 0.110"
FINISH	SINGED
MULLEN	450 PSI MIN.
PERMEABILITY	15 - 45 CFM@ 0.5" W.G.
TEMPERATURE	250°F CONTINUOUS TO 275°F SURGE

14 oz. EPITROPIC

STYLE	EP14SS
PRIMARY APPLICATIONS	DRY FILTRATION
<u>PROPERTY</u>	<u>U.S. SYSTEM</u>
FIBER CONTENT	97% POLYESTER / 3% EPITROPIC
CONSTRUCTION	NEEDLEPUNCHED, SCRIM-SUPPORTED
WEIGHT	14 OZ./SQ YD. NOM.
THICKNESS	0.065" NOM.
FINISH	SINGED
MULLEN	325 PSI MIN.
PERMEABILITY	30 - 40 CFM@ 0.5" W.G.
TEMPERATURE	275°F CONTINUOUS TO 300°F SURGE

16 oz. EPITROPIC

STYLE	EP16SS
PRIMARY APPLICATIONS	DRY FILTRATION
<u>PROPERTY</u>	<u>U.S. SYSTEM</u>
FIBER CONTENT	100% POLYESTER / 3% EPITROPIC
CONSTRUCTION	NEEDLE PUNCHED, SCRIM-SUPPORTED
WEIGHT	16 OZ./SQ YD. NOM.
THICKNESS	0.065" NOM.
FINISH	SINGED
MULLEN	325 PSI MIN.
PERMEABILITY	25 - 35 CFM@ 0.5" W.G.
TEMPERATURE	275°F CONTINUOUS TO 300°F SURGE

PLEASE CALL FOR SPECIFIC
WOVEN MATERIAL SPECIFICATIONS