



STANDARD FILTER CORPORATION

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

High Temperature Materials

CONEX®/NOMEX® FELT (Aramid)

Recommended continuous operation temperature:	400°F
Maximum (short time) operation temperature:	425°F
Supports combustion:	No
Biological resistance (bacteria, mildew):	No Effect
Resistance to alkalis:	Good
Resistance to mineral acids:	Fair
Resistance to organic acids:	Fair+
Resistance to oxidizing agents:	Poor
Resistance to organic solvents:	Good+
Available weights:	10 oz. - 22 oz.



P84® FELT/POLYIMIDE



Recommended continuous operation temperature:	475°F
Maximum (short time) operation temperature:	500°F
Supports combustion:	No
Biological resistance (bacteria, mildew):	No Effect
Resistance to alkalis:	Fair
Resistance to mineral acids:	Good+
Resistance to organic acids:	Good+
Resistance to oxidizing agents:	Good+
Resistance to organic solvents:	Excellent
Available weights:	14 oz. - 18 oz.

RYTON® FELT/PPS

Recommended continuous operation temperature:	375°F
Maximum (short time) operation temperature:	400°F
Supports combustion:	No
Biological resistance (bacteria, mildew):	No Effect
Resistance to alkalis:	Excellent
Resistance to mineral acids:	Excellent
Resistance to organic acids:	Excellent
Resistance to oxidizing agents:	Fair
Resistance to organic solvents:	Excellent
Available weights:	16 oz. - 18 oz.





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High Temperature Material Specifications

14 oz. CONEX®

STYLE	CX14SS
PRIMARY APPLICATIONS	DRY FILTRATION
PROPERTY	U.S. SYSTEM
FIBER CONTENT	100% ARAMID
CONSTRUCTION	NEEDLE PUNCHED, SCRIM-SUPPORTED
WEIGHT	14 OZ./SQ YD. NOM.
THICKNESS	0.065" - 0.085"
FINISH	SINGED
MULLEN	400 PSI MIN.
PERMEABILITY	25 - 40 CFM @ 0.5" W.G.
TEMPERATURE	400°F CONTINUOUS TO 425°F SURGE

16 oz. CONEX®

STYLE	CX16SS
PRIMARY APPLICATIONS	DRY FILTRATION
PROPERTY	U.S. SYSTEM
FIBER CONTENT	100% ARAMID
CONSTRUCTION	NEEDLE PUNCHED, SCRIM-SUPPORTED
WEIGHT	16 OZ./SQ YD. NOM.
THICKNESS	0.070" - 0.090"
FINISH	SINGED
MULLEN	500 PSI MIN.
PERMEABILITY	20 - 30 CFM @ 0.5" W.G.
TEMPERATURE	400°F CONTINUOUS TO 425°F SURGE

14 oz. NOMEX®

STYLE	NX14SS
PRIMARY APPLICATIONS	DRY FILTRATION
PROPERTY	U.S. SYSTEM
FIBER CONTENT	100% DUPONT ARAMID
CONSTRUCTION	NEEDLE PUNCHED, SCRIM-SUPPORTED
WEIGHT	14 OZ./SQ YD. NOM.
THICKNESS	0.055" - 0.075"
FINISH	SINGED
MULLEN	350 PSI MIN.
PERMEABILITY	25 - 35 CFM @ 0.5" W.G.
TEMPERATURE	400°F CONTINUOUS TO 425°F SURGE

16 oz. NOMEX®

STYLE	NX16SS
PRIMARY APPLICATIONS	DRY FILTRATION
PROPERTY	U.S. SYSTEM
FIBER CONTENT	100% DUPONT ARAMID
CONSTRUCTION	NEEDLE PUNCHED, SCRIM-SUPPORTED
WEIGHT	16 OZ./SQ YD. NOM.
THICKNESS	0.060" - 0.080"
FINISH	SINGED
MULLEN	400 PSI MIN.
PERMEABILITY	20 - 35 CFM @ 0.5" W.G.
TEMPERATURE	400°F CONTINUOUS TO 425°F SURGE

14 oz. P84®

STYLE	P814SS
PRIMARY APPLICATIONS	DRY FILTRATION
PROPERTY	U.S. SYSTEM
FIBER CONTENT	100% P84
CONSTRUCTION	NEEDLE PUNCHED, SCRIM-SUPPORTED
WEIGHT	14 OZ./SQ YD. NOM.
THICKNESS	0.080" - 0.100"
FINISH	SINGED
MULLEN	350 PSI MIN.
PERMEABILITY	25 - 45 CFM @ 0.5" W.G.
TEMPERATURE	475°F CONTINUOUS TO 500°F SURGE

14 oz. RYTON®

STYLE	R Y16SS
PRIMARY APPLICATIONS	DRY FILTRATION
PROPERTY	U.S. SYSTEM
FIBER CONTENT	100% RYTON
CONSTRUCTION	NEEDLE PUNCHED, SCRIM-SUPPORTED
WEIGHT	16 OZ./SQ YD. NOM.
THICKNESS	0.055" - 0.080"
FINISH	SINGED
MULLEN	380 PSI MIN.
PERMEABILITY	25 - 45 CFM @ 0.5" W.G.
TEMPERATURE	375°F CONTINUOUS TO 400°F SURGE

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