

FIBER MEDIA COMPARISON CHART

Temperature °F

Fiber	Available In	Tensile Strength	Abrasion Resistance	Chemical Acids	Resistance Alkalis	Support Combustion	Continuous	Surges
Cotton	Woven	Good	Good	Poor	Good	Yes	180	200
Polypropylene	Woven/Felted	Excellent	Excellent	Excellent	Excellent	Yes	200	200
Nylon	Woven	Excellent	Excellent	Poor	Excellent	Yes	200	250
Wool	Woven/Felted	Poor	Fair	Good	Poor	No	200	230
Homopolymer Acrylic	Woven/Felted Knit/SpunBond	Good	Good	Very Good	Fair	Yes	260	284
Polyester	Woven/Felted Knit/SpunBond	Excellent	Excellent	Fair	Fair	Yes	275	300
Aramid	Woven/Felted	Very Good	Excellent	Fair	Good	No	375	425
Teflon®	Woven/Felted	Average	Fair	Excellent	Excellent	No	450	500
Fiberglass	Woven/Felted	Excellent	Fair	Good	Fair	No	500	550
PPS	Woven/Felted Knit/SpunBond	Very Good	Excellent	Excellent	Very Good	No	375	425
P84	Woven/Felted	Very Good	Excellent	Very Good	Fair	No	500	550