

General Properties of Filtration Fibers

Fiber	Max Dry Temp	Max Moist Temp	Abrasion Resitance	Filtration Properties	Acid Resistance	Alkali Resistance	Supports Combustion	Relative Cost
Cotton	180°F	180°F	Good	Excellent	Poor	Good	Yes	Low
Polypropylene	200°F	200°F	Excellent	Good	Excellent	Excellent	Yes	Low
Homopolymer Acrylic	265°F	265°F	Good	Good	Very Good	Fair	Yes	Medium
Polyester	275°F	200°F	Excellent	Good	Fair/Good	Fair/Poor	Yes	Low
P.P.S.	375°F	375°F	Good	Good	Good/Excellent	Excellent	No	High
Nomex® Aramid	375°F	355°F	Excellent	Very Good	Fair	Good	No	High
P84®	500°F	460°F	Fair	Excellent	Good	Good	No	High
Teflon®	500°F	500°F	Good	Fair	Inert	Inert	No	Very High
Fiberglass	500°F	500°F	Fair	Fair	Very Good	Fair	No	Medium