

## Filter media selection chart\*

Fiber type	Temperature limits (dry heat only) (°F/°C)	Acid resistance	Alkali resistance	Hydrolysis resistance	Oxidation resistance
<b>Cotton</b>	180/85	Poor	Good	Good	Good
<b>PVC</b>	150/65	Excellent	Excellent	Excellent	Excellent
<b>Polypropylene</b>	190/90	Excellent	Excellent	Excellent	Poor
<b>Nylon</b>	230/110	Poor	Excellent	Good	Good
<b>Homopolymer acrylic</b>	257/125	Good	Good	Good	Fair
<b>Polyester</b>	300/150	Good	Poor	Poor	Good
<b>Polyphenylene sulfide (PPS)</b>	375/190	Excellent	Excellent	Excellent	Fair
<b>Aramid</b>	400/205	Poor	Excellent	Poor	Fair
<b>Polyimide</b>	450/235	Fair	Fair	Good	Good
<b>PTFE</b>	500/260	Excellent	Excellent	Excellent	Excellent
<b>Fiberglass</b>	550/285	Good	Fair	Excellent	Excellent

\*Note: Courtesy Filter Media Services, Cincinnati, OH. Find more information in the article "Specialty bag filter media for better performance in tough applications" by Clint Scoble, *Powder and Bulk Engineering*, October 2010, page 45.