

# Quick Reference Guide

## Properties of Filtration Fabrics



Filter Media	Polypropylene	Polyester	Acrylic	Fiberglass	Aramid	Ryton <sup>®</sup> (PPS)	P-84	Teflon <sup>®</sup>
Abrasion	Excellent	Excellent	Good	Fair	Good	Good	Good	Excellent
Energy Absorption	Good	Excellent	Good	Fair	Good	Good	Good	Good
Filtration Properties	Good	Excellent	Good	Fair	Excellent	Very Good	Excellent	Fair
Moist Heat Properties	Excellent	Poor	Excellent	Excellent	Good	Excellent	Good	Excellent
Alkalines	Excellent	Good	Fair	Fair	Good	Excellent	Fair	Excellent
Mineral Acids	Excellent	Fair	Good	Poor**	Poor	Excellent	Good	Excellent
Oxygen (15%+)	Excellent	Excellent	Excellent	Excellent	Excellent	Poor	Excellent	Excellent
Relative Cost	\$	\$	\$\$	\$\$\$	\$\$\$\$	\$\$\$\$\$	\$\$\$\$\$\$	\$\$\$\$\$\$\$\$
Temp. *F	170	275	265	500	375	375	500	500

\* Sensitive bag-to-cage fit

\*\* Fair with acid resistant finishes

Note: Combinations of variables alter the resistance of the fiber to the specified performance rating, i.e., time, temperature and gas stream chemistry.

Contact a SLY representative for specific performance attributes and use in various applications. A SLY technical expert will recommend the most suitable filter bag for your application.