INDUSTRIAL PROCESS TECHNOLOGIES

PO Box 280329, Lakewood, CO 80228 **303•975•9487** *office* **866•203•1645** *fax*

FILTER MEDIA & CORE SELECTION GUIDE

MEDIA	MAXIMUM TEMP	CHARACTERISTICS
Bleached Cotton	300˚ F 150˚ C	For potable liquids, vegetable oils, beverages, organic solvents, water, dilute acids, petroleum oils, and other services
Natural Cotton	300˚ F 150˚ C	Same (non FDA) applications as bleached cotton
Rayon	300˚ F 150˚ C	Chemical compatibility similar to cotton. Used primarily in filtration of petroleum oils.
Fiberglass	750˚ F 399˚ C	Filtration of organic acids, organic solvents, petrolium 399˚ coils, mineral acids, and other corrosive or high temperature services
Polypropylene	180˚ F 82˚ C	Filtration of organic acids, alkkalies, and many other chemicals
FDA Polypropylene	180˚ F 82˚ C	Filtration of water, potable liquids, animal and vegetable oils, food and beverages. Very effective in low viscosity
NSF/ANSI 42/61 Polypropylene	180˚ F 82˚ C	Filtration of water, potable liquids, animal and vegetable oils, food and beverages. Very effective in low viscosity
Fibrillated Polypropylene	180˚ F 82˚ C	Same chemical compatibility as polypropylene. Has no finish on material, therefore will not cause foaming
Polyester	250˚ F 121˚ C	Chemical compatibilty similar to cotton and polypropylene. Has higher temperature resistance than polypropylene in most cases
Nylon	350˚ F 177˚ C	Used for special process application, concentrated alkalies, and hydrocarbons
Ryton	375˚ F 191˚ C	Similar chemical compatibility to both Nylon and Fiberglass. Excellent resistance to solvents and acids except for hot sulfuric acid and nitric acid
CORE	**MAXIMUM TEMP**	**CHARACTERISTICS**
Tinned Steel	400˚ F	General purpose applications
Polypropylene	120˚ F 49˚ C	For lower teperature applications of corrosive fluids and gases. Easily incinerated to a trace of ash
304 Stainless Steel	750˚ F 399˚ C	For high temperature dilute acids and moderately corrosive fluids
316 Stainless Steel	750˚ F 399˚ C	For high temperature applications and highly corrosive fluids

**Conditioning Procedure Directions for use:*
Place Filter elemnets in appropriate housings and flush for a minimum of 10 minutes prior to use