

# RESIN-BONDED FILTER CARTRIDGES



RESIN-BONDED CARTRIDGES OFFER A COST EFFECTIVE MEANS OF PROVIDING RELIABLE CONTAMINANT REMOVAL. THEIR OUTSTANDING PERFORMANCE, WIDE CHOICE OF MICRON RATINGS (1 to 150), HIGH DIRT HOLDING CAPACITY, AND LONG SERVICE LIFE MAKE THEM AN OBVIOUS CHOICE IN MANY FILTRATION APPLICATIONS.

## **Product Features:**

- ◆ Excellent Range of compatibility, suitable for use with most chemicals
- ◆ Controlled depth type filtration with uniform micron retention
- ◆ Rigid, unitized, seamless construction resists channeling, rupturing or distortion
- ◆ Available in smooth tube or grooved style for increased surface area
- ◆ No center core, therefore easily disposable or incinerable
- ◆ Rated up to 125 PSI and Temperatures as high as 275°F (135°C)
- ◆ Manufactured in the United States

## Phenolic-Resin Impregnated Viscose Fiber Thermal/Chemical

Chemical	% Conc.	°F.	Chemical	% Conc.	°F.	Chemical	% Conc.	°F.
Acetamide	100	200	Citric Acid	15	200	Perchloroethylene	100	200
Acetic Acid	100	212	Copper Sulfate	Sat	150	Phenol	100	200
Acetone	100	70	Ethers	100	95	Phosphoric Acid	10	70
Dry Ammonia Gas	100	70	Ethyl Acetate	100	170	Polyurethane Latex	100	150
Ammonium Chloride	10	100	Ethyl Alcohol	100	170	Potassium Hydroxide	10	70
Ammonium Hydroxide	28	70	Ethylene Glycol	100	250	Potassium Sulfate	5	70
Ammonium Nitrate	10	140	Fatty Acids	100	250	Propane Gas	100	250
Amyl Alcohol	100	200	Gelatin	100	200	Sea Water	100	212
Aniline	100	70	Glycerin	100	100	Sodium Carbonate	20	150
Animal Fats & Oils	100	250	Hydraulic Oils	100	150	Sodium Hydroxide	5	150
Aviation Gasoline	100	170	Hydrochloric Acid	5	150	Sodium Hypochlorite	1	70
Benzene	100	70	Hydrogen Peroxide	5	70	Sulfuric Acid	1	70
Benzoic Acid	100	70	Lactic Acid	3	100	Toluene	100	230
Butane	100	225	Linseed Oil	100	70	Trichloroethylene	100	190
Butyl Alcohol	100	200	Methyl Alcohol	100	150	Turpentine	100	250
Calcium Chloride	10	140	Methyl Chloride	100	250	Varnish	100	250
Calcium Hydroxide	10	100	Methyl Ethyl Ketone	100	175	Vegetable Oils	100	250
Cane Sugar Liquor	100	212	Methyl Methacrylate	100	70	Tap Water	100	212
Carbonic Acid	100	212	Mineral Oil	100	250	Whiskey & Wines	100	175
Carbon Disulfide	100	70	Naphtha	100	250	Xylol	100	250
Carbon Tetrachloride	100	170	Nitric Acid	10	70	Zinc Chloride	5	70
Chlorobenzene	100	70	Oleic Acid	100	100			
Chloroform	100	70	Oxalic Acid	10	70			

## Resin-Bonded Cellulose Melamine Thermal/Chemical Resistance

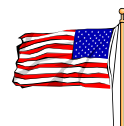
Chemical	% Conc.	°F.	Chemical	% Conc.	°F.	Chemical	% Conc.	°F.
Acetic Acid	5	100	Glycol	Any	200	Pickling Brine (food)	Any	Note
Acetone	Any	70	Heptane	Any	200	Propane Gas	Any	120
Ammonium Carbonate	Any	70	Inks	Any	Operating	Sodium Cyanide	Any	Note
Ammonium Hydroxide	Any	Note	Isopropyl Alcohol	Any	150	Sodium Sulfide	40	140
Beer	Any	160	Lacquer Thinner	Any	120	Tartaric Acid	Any	120
Benzene	Any	200	Lanolin	Any	120	Toluene	Any	200
Calcium Carbonate	Any	200	Lead Acetate	20	100	Vinegar	Any	100
Chloroform	Any	180	Methyl Alcohol	90	150	Water	N/A	200
Ether	Any	150	Methyl Chloride	Any	150	Whiskey & Wines	Any	120
Ethyl Alcohol	Any	150	Nickel Chloride	Any	150	Xylene Xylol	Any	70
Freon & Ethylene Oxide	12-88	-30	Nitrobenzene	70	Note			
Fructose	Any	200	Oleic Acid	Any	100			

**Notes:** Some chemicals have little or no effect at room temperature but data is lacking concerning the effects of those chemicals at elevated temperatures. Approval based on tests should be obtained before recommending the use of such filter media with these chemicals at temperatures higher than room temperature.

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### PFP NOMENCLATURE FOR RESIN BONDED FILTER CARTRIDGES

MEDIA	CODE	MICRON	STYLE	LENGTH
<i>Cellulose Melamine Resin</i>	RBM	1	G = Grooved	4 = 4"
		3		48 = 4.875"
		5		6 = 6"
		10		7 = 7"
		15		97 = 9.75"
<i>Acrylic Fiber/Phenolic Resin</i>	RBP	20	U = Ungrooved	98 = 9.875"
		25		10 = 10"
		30		12 = 12"
		40		125 = 12.5"
		50		195 = 19.5"
<i>Wool/Phenoluc Resin</i>	RBP	75	W = Wound	20 = 20"
		100		292 = 29.25"
		150		30 = 30"
		200		40 = 40"



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