



METAL FILTRATION



Alpha-Cel™

■ Environmentally Friendly

Alpha-Cel™ has no toxic or hazardous components (arsenic, cristobalite) and is so pure that it can be used as a food ingredient.

■ Mixes Easily, Precoats Rapidly

Alpha-Cel™ purified cellulose wets out extremely easily. Uniform slurry is rapidly achieved which forms a more uniform coating, or “cake,” on the filter grids resulting in a more effective filtration surface area.

■ Longer Filter Cycles

Alpha-Cel™ forms a filter coating, or cake, with far more dirt holding capacity than other filtration media, resulting in 2-6 times greater filtering cycles when appropriately applied.

■ Neutral pH and Low Water Solubles

Alpha-Cel™ powdered cellulose has a neutral pH, in the 5.0- 7.5 range, as required for use in food. Also, its low water solubility, less than 1.5%, is ideal for all filtration applications.

TYPICAL CHARACTERISTICS

GRADE	AVERAGE FIBER LENGTH	VEL PERMEABILITY (darcies)	WET BULK DENSITY (lbs./cu. ft.)	SCREEN ANALYSIS		
	(microns)			% on 40 Mesh	% Thru 100 Mesh	% Thru 200 Mesh
C10	290	30	8.0	LT 15	LT 60	LT 25
C40	120	22	9.5	Trace	90.0	40.0
C100	110	13	10.5	0	NLT 95	NLT 45
BH40	60	6	13.0	1.5	93.0	57.0
BH100	40	3.5	17.0	0	95.0	73.0
BH300	30	2.0	20.0	0	NLT 98	NLT 85



INTERNATIONAL FIBER CORPORATION

Solutions for a changing marketplace