



Filtration Systems FILTER MEDIA PRODUCT SPECIFICATIONS

LIQUID FILTER BAG COMPONENTS & SPECIFICATIONS

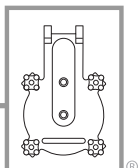
	SERIES		ACCUFIT® SUPERBOND® IP		ACCUFIT Expanded Media		ULTRAFIT 100 IP	ULTRAFIT 500 IP	ULTRAFIT 500 EXP	ULTRAFIT 800 IP	ULTRAFIT 800 EXP	ULTRAFIT-NYLON IP	ULTRAFIT-NYLON EXP	ULTRAFIT AMT	ULTRAFIT Test Bag
	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Thermally Bonded Continuous Filament	•		•	•	•	•	•	•	•	•	•	•	•	•	•
Laminated Monofilament Layers, Polypropylene or Nylon		•													
Meltblown Microfiber, Polypropylene (P) or Nylon (N)					P	P	P	P	P	P	N	N	P	P	
Graded-Density, Composite Layer Design Technology™			•	•	•	•	•	•	•	•	•	•	•	•	•
IP-Integrated Polymeric Support®	•		•	•	•	•	•	•	•	•	•	•	•	•	•
Sieve Layer	•		•	•	•	•	•	•	•	•	•	•	•	•	•
FDA Compliant Materials	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Zero-Bypass® Bag Collar with Dual Lift-Out Handles	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Efficiency Rating	Nominal	Nominal	97%	99%	99%	99.98%	99.98%	99.9%	99.9%	99.98%	99.98%	99.9%	99.9%	99.98%	99%
Maximum Temperature (deg. F)	180° (P) 340° (N)	180° (P) 340° (N)	180°	180°	180°	180°	180°	340°	340°	180°	180°	340°	340°	180°	180°
Available Sizes	1,2 3,4,5	1,2,4,5	1,2,4,5	1,2	1,2	1,2,4,5	1,2,4,5	1,2	1,2	1,2,4,5	1,2,4,5	1,2	1,2	1,2	2

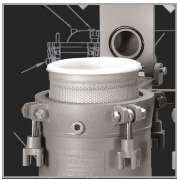
MICRON RATING AVAILABILITY

MICRON RATING	.2	.4	.6	.8	<1	1	2	5	10	20	25	40	50	100	200	400	600	
NOMINALLY RATED FILTER BAGS																		
ACCUFIT® SUPERBOND® IP						•		•	•		•		•	•				
ACCUFIT Expanded Media					•	•	•	•	•	•	•	•	•	•	•	•	•	•
ABSOLUTE RATED HIGH PERFORMANCE FILTER BAGS																		
ULTRAFIT® 100 IP						•	•	•	•		•		•	•	•			
ULTRAFIT 500 IP						•	•	•	•		•		•					
ULTRAFIT 500 EXP					•													
ULTRAFIT 800 IP		•	•	•														
ULTRAFIT 800 EXP	•																	
ULTRAFIT NYLON IP						•		•	•		•		•					
ULTRAFIT NYLON EXP					•													
ULTRAFIT AMT		•	•	•		•		•										
LARGE DIAMETER DROP-IN CARTRIDGE FILTER																		
APX HIGH CAPACITY ELEMENT					•	•		•	•		•		•	•				

Filtration Systems

Division of Mechanical Mfg. Corporation





PRODUCT SPECIFICATIONS, Continued

MAXIMUM FLOW RATES

gpm (water)	FILTER BAG SIZE			
	P2	P1	P4	P5
ACCUFIT® SUPERBOND® IP	90	75	35	65
ACCUFIT Expanded Media	120	75	40	50
ULTRAFIT® 100 IP	60	45	16	30
ULTRAFIT 500 EXP	30	15	–	–
ULTRAFIT 500 IP	40	30	–	–
ULTRAFIT 800 IP	20	12	6	10
ULTRAFIT 800 EXP	15	8	3	6
ULTRAFIT NYLON IP	40	25	–	–
ULTRAFIT NYLON EXP	25	15	–	–
ULTRAFIT AMT	23	12	6	10

APX HIGH CAPACITY ELEMENT	ELEMENT SIZE		
	728	412	422
	90	20	30

MAXIMUM DIFFERENTIAL PRESSURE

(psig) Initial Pressure plus...	FILTER BAG SIZE			
	P2	P1	P4	P5
ACCUFIT® SUPERBOND® IP	30	30	30	30
ACCUFIT Expanded Media	35	35	35	35
ULTRAFIT 100 IP	34	34	34	34
ULTRAFIT 500 EXP	34	34	–	–
ULTRAFIT 500 IP	34	34	–	–
ULTRAFIT 800 IP	30	30	30	30
ULTRAFIT 800 EXP	30	30	30	30
ULTRAFIT NYLON IP	24	24	–	–
ULTRAFIT NYLON EXP	34	34	–	–
ULTRAFIT AMT	30	30	30	30

APX HIGH CAPACITY ELEMENT	ELEMENT SIZE		
	728	412	422
	35	35	35

GENERAL CHEMICAL COMPATIBILITY OF POLYPROPYLENE AND NYLON

CLASSIFICATION	TYPICAL EXAMPLES	POLYPROPYLENE	NYLON
BASES (ALKALIES)	Amines, Ammonium Hydroxide, Potassium Hydroxide, Sodium Hydroxide	Generally Compatible	Testing Recommended
BRINES	Calcium Chloride, Potassium Chloride, Sodium Bromide, Sodium Chloride	Generally Compatible	Generally Compatible
INORGANIC ACIDS	Boric, Dilute Nitric, Dilute Sulfuric, Hydrochloric, Phosphoric	Generally Compatible	Testing Recommended
ORGANIC SOLVENTS	Alcohols, Amides Cellosolves, Esters, Esthers, Glycols, Ketones	Testing Recommended	Generally Compatible
	Aromatics (Benzene, Toluenes, Xylenes)	Not Recommended	Generally Compatible
	Petroleum Products (Aviation Gasoline, Diesel Fuel, Kerosene)	Not Recommended	Generally Compatible
	Hydrocarbons (Fats, Hexane, Octane, Oils, Petroleum Ether)	Testing Recommended	Generally Compatible
	Halogenated Hydrocarbons (Methylene Chloride, Perchloroethylene)	Testing Recommended	Testing Recommended
SALT SOLUTIONS	Aluminum Chloride, Sodium Nitrate, Sodium Sulfate	Generally Compatible	Generally Compatible
WATER	Ambient (Nylon is not recommended for hot water)	Generally Compatible	Generally Compatible
Maximum temperature limits for any fluid. Requires evaluation on an individual basis.		180° F	340° F

Important Note on Chemical Compatibility: The information presented in this table is based on exposure at room temperature and is for general guidance only. In most cases, the use of specific filtering material, such as polypropylene, nylon, or cellulose, can be safely recommended without special testing. However, since many factors can affect the chemical resistance of a given product, the user under actual on-site operating conditions must determine filter bag compatibility. Factors such as degree of concentration of a substance in a fluid, temperature, and duration of exposure should be considered, as they may compromise the structural integrity and performance of the filter media.

Filtration Systems™

Division of Mechanical Mfg. Corporation
 10304 N.W. 50th Street • Sunrise, FL 33351 USA
 Tel: 954-572-2700 • Fax: 954-572-3401
www.filtrationsystems.com

ISO 9001:2015 Certified
 FMPS-11/19