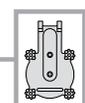


Filtration Systems FILTER MEDIA PRODUCT SPECIFICATIONS

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	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%	99%
Maximum Temperature (deg. F)	180°(P) 340°(N)	180°(P) 340°(N)	180°	180°	180°	180°	180°	340°	340°	180°	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	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																	
MICRON RATING	.5	1	5	10	25	50	100	250	350	500	700						
APX 412/422 HIGH-CAPACITY ELEMENT	•	•	•	•	•	•	•	•	•	•	•						
APX 728 HIGH-CAPACITY ELEMENT	•	•	•	•	•	•	•	•	•	•	•						



Filtration Systems

FILTER MEDIA PRODUCT SPECIFICATIONS, Continued

MAXIMUM FLOW RATES

gpm (water)	FILTER BAG SIZE			
	P2	P1	P4	P5
ACCUFIT® SuperBond® IP	90	75	35	
ACCUFIT Expanded Media	120	75	40	
ULTRAFIT® 100 IP	60	45	16	
ULTRAFIT 500 IP	30	15	–	–
ULTRAFIT 500 EXP	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
	120	26	46

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 IP	34	34	–	–
ULTRAFIT 500 EXP	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

WARNING

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 or nylon, 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 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.

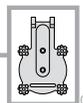


Product Specifications: With over 50 years of industry expertise and proven performance, Filtration Systems offers quality products at responsible prices. We continually strive to improve our products through ongoing research and development; therefore, we reserve the right to change specifications without notice.

Intellectual Property: Filtration Systems products offer exclusive manufacturing technology. Our company is committed to protecting its patents, trademarks, and proprietary rights from those who would wrongfully use them.

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

©2026 Mechanical Manufacturing Corp. FMPS-02/26