

Melt Blown Product Guide

Product	General Description	Where to Apply	Recommended Filtration Range	Efficiency	Element P/N Reference + = grade; * = length	Sizing	Housing Series Reference Series; # of elements; material	Typical Life*
Profile II	2½" diameter element with depth filter media for high dirt holding capacity and low pressure drop	Highly critical applications: where a high degree of cleanliness must be maintained. Examples: pre-RO, polishing, super-finishing, honing, filtration of coatings, critical parts washers.	5, 10, and 15 microns	99.98%	New: HC3310FP+** Retrofit: R*F+++	5 gpm per 10"	PC401; 1 element; 316L PCY; 1 element; polypro FMO; 6 elements; 304,316L	2-4 Weeks
Nexis A	2½" diameter element with depth filter media featuring CoLD fiber technology for high dirt capacity and strength	Critical applications: where control of critical-size particles is required. Examples: finish machining, parts washing, seal protection, spray nozzle protection, water & chemical filtration.	20, 40, and 70 microns	99.9%	New: NXA+++*UM18 Retrofit: NXA+++*U	3-5 gpm per 10"	PC401; 1 element; 316L PCY; 1 element; polypro FMO; 6 elements; 304,316L TSO; 15 & 45 elements; 316L	2-4 Weeks
Nexis T	2½" diameter element with depth filter media featuring CoLD fiber technology for high dirt capacity and strength	General applications: where removal of contaminant is less critical and coarser ratings can be applied. Examples: pre-filtration, nozzle protection, general purpose filtration.	75, 100, 120, 150, and 200 microns	90%	New: NXT+++*UM18	3 gpm per 10"	PC401; 1 element; 316L PCY; 1 element; polypro FMO; 6 elements; 304,316L TSO; 15 or 45 elements; 316L	2-4 Weeks
		Upgrade Applications: where commodity string wound or molded / pressed fiber elements are being used.	1, 3, 5, 10, 20, 40, 50, 75, 100, 150, and 200 microns	90%	Retrofit: NXT+++*U	use same grade as current filter	N/A	n/a
Ultipleat High-Flow	6" diameter element with depth filter media in a laid-over pleat configuration for high dirt holding capacity and low pressure drop	Critical to general applications: where control of critical-size particles is required. Alternative to multiple 2½" elements at flows above 75 gpm. Examples: water & chemical filtration, parts washing, paint, nozzle protection.	4.5, 10, 20, 40, and 100 microns	99.98%	New: HFU*UY+++	60-100 gpm per 20"	1HFC; 1 element; 304 HFH or HFV; 1, 2, 3, 4, 7, 12, or 19 elements; CS	2-4 Weeks
Nylon Profile II	2½" diameter element with depth filter media for high dirt capacity and strength in aggressive fluid applications	Organic Fluid Applications: where control of critical-size particles is required. Examples: solvents, solvent mixtures, oils (potential use where polypropylene is not compatible)	5, 10, 20, 40, and 70 microns	99.98%	New: HC3310FN+** Retrofit: RGN*FN+++	3-5 gpm per 10"	PC401; 1 element; 316L PCY; 1 element; polypro FMO; 6 elements; 304,316L	2-4 Weeks
Marksman	6" diameter element with pleated or depth filter media for high dirt holding capacity	Upgrade Applications: where bag filters are being used.	10, 20,30, 40, 70, 90, and 120 microns	99.9%	XLD Medium: XLDM+++*U	use same grade as current filter	MAG; 1, 4, 7, or 9 elements; 316L	n/a
Clarix	2½" diameter element with depth filter media for high dirt capacity and strength	Retrofit Applications: where DOE commodity string wound or molded / pressed fiber elements are being used.	1, 3, 5, 10, 20, 30, 50, and 75 microns	Nominally Rated	Retrofit: CLR++*U	use same grade as current filter	N/A	n/a

* Dirt levels >10 mg/L can affect service life