

ACCUFIT® WELDED EXPANDED MEDIA

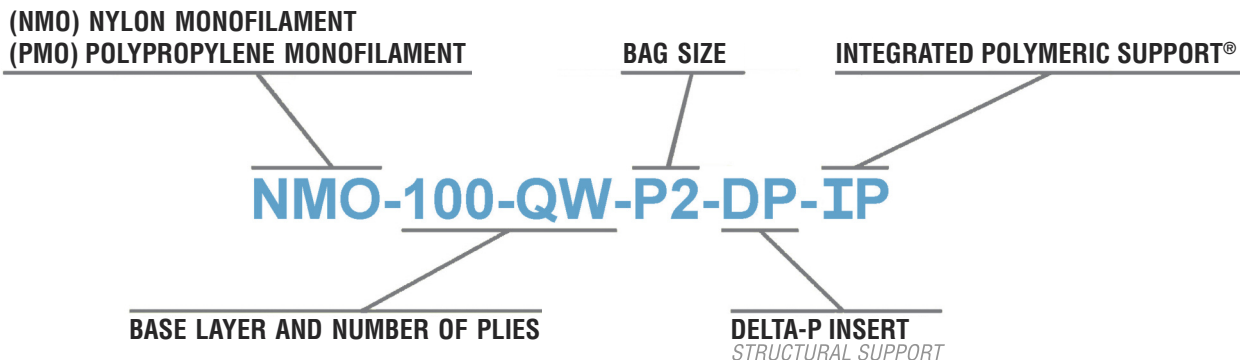
Accufit® Welded Expanded Media

A unique filter product, designed for demanding, high purity liquid filtration applications has been developed offering superb flow, robust solids loading, minimal differential pressure, and precise micron retention—all essential requirements for maximizing results...

Specifically manufactured for high solids loading and strength; excellent for high purity chemical and water, pharmaceutical, food, edible or high purity synthetic oils, bio-fuels and cosmetic use; superb quality filtering incorporates convenience, cleanliness and productivity. These filters are available in quad, six, eight, ten-wall, or more laminated plies, are non-fiber shedding and can handle elevated temperatures (in 100% Nylon or Polypropylene). Graded-density and/or redundant layers of FDA compliant monofilament are ultrasonically laminated and formed, and use a non-bypassing sealing collar with removal handles. *Accufit* Welded Expanded Media is designed in accordance with the ISO 4406:1999 standard.

The filter media loads on the surface of the filter, trapping particles in its many tortuous grid paths. Useful for high-flow and strength, without significant increased differential pressure imposed from the filter. It is the opposite of a depth filter—one that loads particulate on the surface of the filtering layers—not in them. As such, when finished, it will hold large amounts of solids—and still drain liquid, as it is highly porous. One of the unique features of this filter is that it may be "tweaked" as necessary to accommodate a wide array of liquid filtering conditions—e.g. greater throughput, tighter micron retention, etc...

MODEL NUMBER CODING SYSTEM



EXAMPLES	FILTRATION RANGE (µm)	MICRON RATINGS ACHIEVED FROM CONFIGURATION OF LAMINATED LAYERS												
		MATERIAL MICRON RATING	NUMBER OF PLYS											
		DW 2	TW 3	QW 4	5	SW 6	7	EW 8	9	XW 10	11	XII 12	XIV 14	
NMO-40-QW-P2	40 µm – 14 µm	28.8	20.7	14.9	10.7	7.7	5.6	4.0	2.9	2.1	1.5	1.1	0.6	
NMO-40-EW-P2	40 µm – 4 µm	46.8	33.7	24.3	17.5	12.6	9.1	6.5	4.7	3.4	2.4	1.8	0.9	
NMO-40-XW-P2	40 µm – 2 µm	72.0	51.8	37.3	26.9	19.3	13.9	10.0	7.2	5.2	3.7	2.7	1.4	
NMO-40-XII-P2	40 µm – 1 µm	108	77.8	56.0	40.3	29.0	20.9	15.0	10.8	7.8	5.6	4.0	2.1	
PMO-100-QW-P2	100 µm – 37 µm	144	104	74.6	53.7	38.7	27.9	20.1	14.4	10.4	7.5	5.4	2.8	
PMO-100-SW-P2	100 µm – 19 µm	288	207	149	107	77.4	55.7	40.1	28.9	20.8	15.0	10.8	5.6	
PMO-100-EW-P2	100 µm – 10 µm	432	311	224	161	116	83.6	60.2	43.3	31.2	22.5	16.2	8.4	
PMO-100-XW-P2	100 µm – 5 µm	576	415	299	215	155	111	80.2	57.8	41.6	30.0	21.6	11.2	

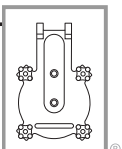
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Product Specifications: With over 40 years of industry expertise and proven performance, *Filtration Systems* manufactures responsibly priced, quality products. We continually strive to improve our products through ongoing research and development; 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™

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 AWEM-1/17