

PURACELL II M-S & MH-S

Mini-Pleat Synthetic Media Series

- 100% Synthetic Media
- Compact Design for Maximum Air Flow
- Standard and Special Sizes
- MERV 11, 13 and 15
- Media Will Not Support Microbial Growth

FEATURES



The Glasfloss Puracell II M-S & MH-S Mini-Pleat Series filters are designed for use in applications where a high degree of efficiency is required in a 4" filter. The Puracell II M-S & MH-S Series combines state-of-the-art mini-pleat construction techniques with superior reliability to offer maximum value for commercial and industrial applications. Additionally, the Puracell II M-S & MH-S filters offer unique advantages over the traditional 12" rigid box filter including lower freight costs, reduced storage area requirements and less impact on landfills. The Glasfloss Puracell II M-S & MH-S filters come in a variety of sizes and performances.

The Glasfloss Puracell II M-S & MH-S filter is a mini-pleat cartridge encapsulated with a heavy-duty 26 gauge galvanized metal frame. An optional gasket can be applied to the filter frame. The galvanized metal frame is riveted together to form a rigid frame. The Puracell II M-S & MH-S pack is a pleated 100% synthetic fiber media. The pleats are separated and supported by a uniform glue bead that produces a low initial pressure drop while maximizing the filtration area. The media pack is resistant to moisture and does not support the growth of bacteria and mold. The media pack is thoroughly sealed to the inside of the metal frame to prevent air bypass. A metal face guard shall be secured on the air leaving side. The filter shall be rated to withstand temperatures up to 180 degrees Fahrenheit. The recommended final resistance for Puracell II M-S & MH-S filters is 1.5" w.g.

GALVANIZED METAL FRAME

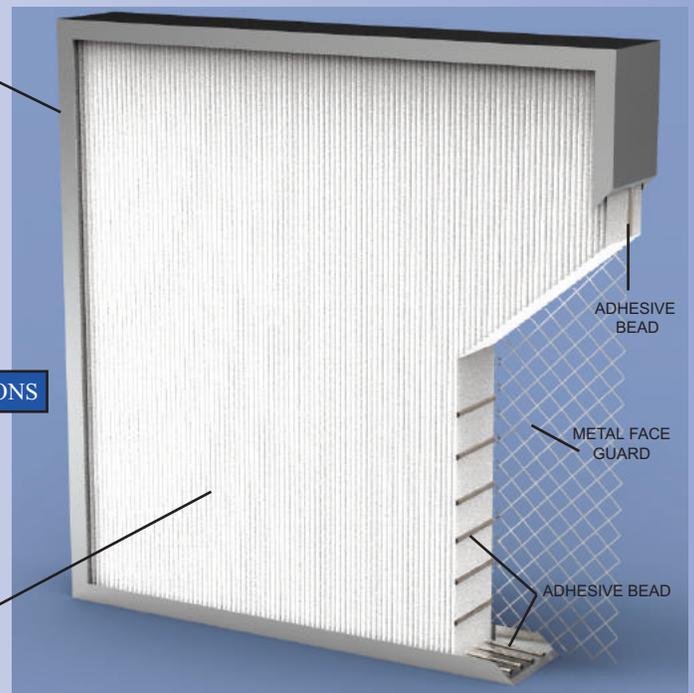
SPECIFICATIONS

100% SYNTHETIC MEDIA

ADHESIVE BEAD

METAL FACE GUARD

ADHESIVE BEAD



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PRODUCT BULLETIN 11PURMS&MHS • SECTION 11 • 3-10-20

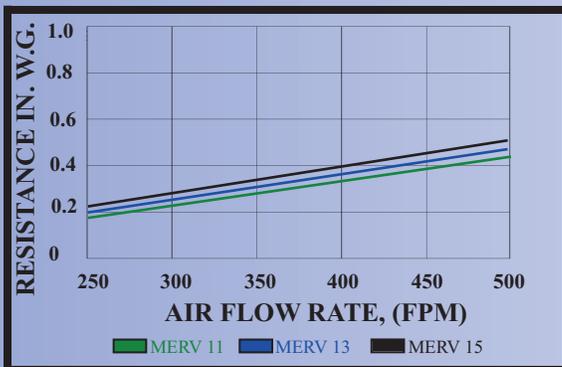
PURACELL II M-S & MH-S SYNTHETIC MEDIA SERIES

BASE MODEL NUMBER	SIZE W x H x D NOMINAL	SIZE W x H x D EXACT	RATED VELOCITY FPM	INITIAL RESIST. IN. W.G.		FINAL RESIST. IN. W.G.	MEDIA SQUARE FEET		SIZE W x H x D NOMINAL MM
				M-S	MH-S		M-S	MH-S	
MERV 15									
242449	24 x 24 x 4	23-3/8" x 23-3/8" x 3-3/4"	500	.47	.55	1.50	75.56	64.05	610 x 610 x 102
202549	20 x 25 x 4	19-3/8" x 24-3/8" x 3-3/4"	500	.47	.55	1.50	65.17	54.51	508 x 635 x 102
202449	20 x 24 x 4	19-3/8" x 23-3/8" x 3-3/4"	500	.47	.55	1.50	62.97	52.41	508 x 610 x 102
202049	20 x 20 x 4	19-3/8" x 19-3/8" x 3-3/4"	500	.47	.55	1.50	52.14	42.66	508 x 508 x 102
182449	18 x 24 x 4	17-3/8" x 23-3/8" x 3-3/4"	500	.47	.55	1.50	55.62	46.58	457 x 610 x 102
162549	16 x 25 x 4	15-3/8" x 24-3/8" x 3-3/4"	500	.47	.55	1.50	51.63	42.05	406 x 635 x 102
162049	16 x 20 x 4	15-3/8" x 19-3/8" x 3-3/4"	500	.47	.55	1.50	41.30	32.91	406 x 508 x 102
122449	12 x 24 x 4	11-3/8" x 23-3/8" x 3-3/4"	500	.47	.55	1.50	36.73	28.14	305 x 610 x 102
MERV 13									
242442	24 x 24 x 4	23-3/8" x 23-3/8" x 3-3/4"	500	.45	.53	1.50	75.56	64.05	610 x 610 x 102
202542	20 x 25 x 4	19-3/8" x 24-3/8" x 3-3/4"	500	.45	.53	1.50	65.17	54.51	508 x 635 x 102
202442	20 x 24 x 4	19-3/8" x 23-3/8" x 3-3/4"	500	.45	.53	1.50	62.97	52.41	508 x 610 x 102
202042	20 x 20 x 4	19-3/8" x 19-3/8" x 3-3/4"	500	.45	.53	1.50	52.14	42.66	508 x 508 x 102
182442	18 x 24 x 4	17-3/8" x 23-3/8" x 3-3/4"	500	.45	.53	1.50	55.62	46.58	457 x 610 x 102
162542	16 x 25 x 4	15-3/8" x 24-3/8" x 3-3/4"	500	.45	.53	1.50	51.63	42.05	406 x 635 x 102
162042	16 x 20 x 4	15-3/8" x 19-3/8" x 3-3/4"	500	.45	.53	1.50	41.30	32.91	406 x 508 x 102
122442	12 x 24 x 4	11-3/8" x 23-3/8" x 3-3/4"	500	.45	.53	1.50	36.73	28.14	305 x 610 x 102
MERV 11									
242441	24 x 24 x 4	23-3/8" x 23-3/8" x 3-3/4"	500	.43	.51	1.50	75.56	64.05	610 x 610 x 102
202541	20 x 25 x 4	19-3/8" x 24-3/8" x 3-3/4"	500	.43	.51	1.50	65.17	54.51	508 x 635 x 102
202441	20 x 24 x 4	19-3/8" x 23-3/8" x 3-3/4"	500	.43	.51	1.50	62.97	52.41	508 x 610 x 102
202041	20 x 20 x 4	19-3/8" x 19-3/8" x 3-3/4"	500	.43	.51	1.50	52.14	42.66	508 x 508 x 102
182441	18 x 24 x 4	17-3/8" x 23-3/8" x 3-3/4"	500	.43	.51	1.50	55.62	46.58	457 x 610 x 102
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122441	12 x 24 x 4	11-3/8" x 23-3/8" x 3-3/4"	500	.43	.51	1.50	36.73	28.14	305 x 610 x 102

Tolerances shall be +/- 1/16" for width and height. Performance values based on ASHRAE and in-house testing methods.

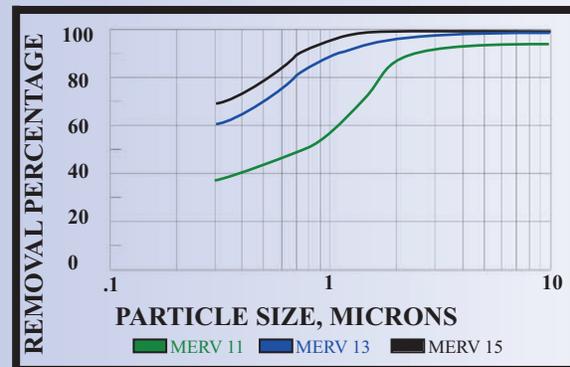
STANDARD PRESSURE DROP

Test Filter Size 24" x 24" x 4" Nominal Box

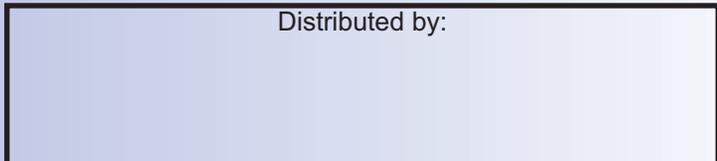


MINIMUM PARTICLE SIZE EFFICIENCY

Test Filter Size 24" x 24" x 4" Nominal



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