



PURACELL II-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

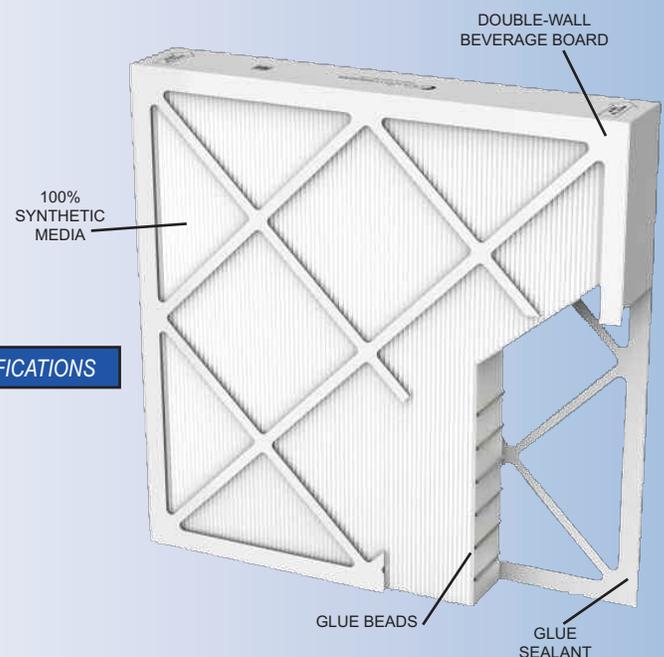


The Glasfloss Puracell II-S Synthetic Mini-Pleat Series filters are designed for use in applications where a high degree of efficiency is required in a 4" filter. The Puracell II-S Series combines state-of-the-art mini-pleat construction techniques with superior reliability to offer maximum value for commercial and industrial applications. Additionally, the Puracell II-S offers 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-S comes in a variety of sizes and performances.

The Glasfloss Puracell II-S filter is a mini-pleat cartridge encapsulated between two heavy-duty beverage board die-cut frames. The die-cut frames are bonded together, creating a double-wall thickness around the perimeter of the filter. The Puracell II-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 bonded to the interior of the die-cut frame. The filter shall be rated to withstand temperatures up to 180 degrees Fahrenheit. The recommended final resistance for Puracell II-S filters is 1.5" w.g.



SPECIFICATIONS

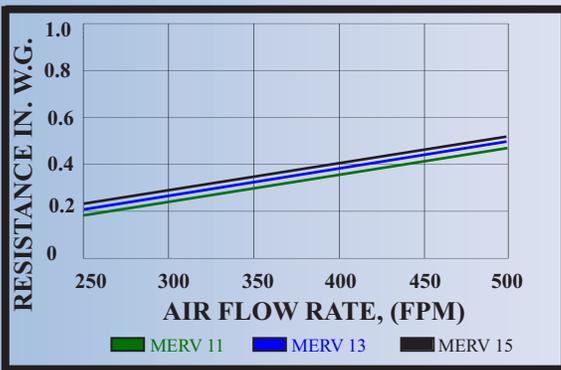


PURACELL II-S SYNTHETIC MEDIA SERIES

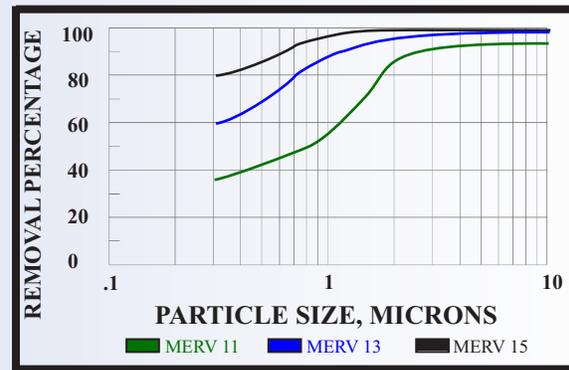
MODEL NUMBER	SIZE W x H x D NOMINAL	SIZE W x H x D EXACT	RATED VELOCITY FPM	INITIAL RESIST. IN. W.G.	FINAL RESIST. IN. W.G.	MEDIA SQUARE FEET	SIZE W x H x D NOMINAL MM
MERV 15							
PURIIIS2424495	24 x 24 x 4	23-3/8" x 23-3/8" x 3-3/4"	500	.48	1.50	84.28	610 x 610 x 102
PURIIIS2025495	20 x 25 x 4	19-1/2" x 24-1/2" x 3-3/4"	500	.48	1.50	74.14	508 x 635 x 102
PURIIIS2024495	20 x 24 x 4	19-3/8" x 23-3/8" x 3-3/4"	500	.48	1.50	70.23	508 x 610 x 102
PURIIIS2020495	20 x 20 x 4	19-1/2" x 19-1/2" x 3-3/4"	500	.48	1.50	58.53	508 x 508 x 102
PURIIIS1824495	18 x 24 x 4	17-1/2" x 23-1/2" x 3-3/4"	500	.48	1.50	62.98	457 x 610 x 102
PURIIIS1625495	16 x 25 x 4	15-1/2" x 24-1/2" x 3-3/4"	500	.48	1.50	58.83	406 x 635 x 102
PURIIIS1620495	16 x 20 x 4	15-1/2" x 19-1/2" x 3-3/4"	500	.48	1.50	46.45	406 x 508 x 102
PURIIIS1224495	12 x 24 x 4	11-3/8" x 23-3/8" x 3-3/4"	500	.48	1.50	40.97	305 x 610 x 102
MERV 13							
PURIIIS242448	24 x 24 x 4	23-3/8" x 23-3/8" x 3-3/4"	500	.46	1.50	84.28	610 x 610 x 102
PURIIIS202548	20 x 25 x 4	19-1/2" x 24-1/2" x 3-3/4"	500	.46	1.50	74.14	508 x 635 x 102
PURIIIS202448	20 x 24 x 4	19-3/8" x 23-3/8" x 3-3/4"	500	.46	1.50	70.23	508 x 610 x 102
PURIIIS202048	20 x 20 x 4	19-1/2" x 19-1/2" x 3-3/4"	500	.46	1.50	58.53	508 x 508 x 102
PURIIIS182448	18 x 24 x 4	17-1/2" x 23-1/2" x 3-3/4"	500	.46	1.50	62.98	457 x 610 x 102
PURIIIS162548	16 x 25 x 4	15-1/2" x 24-1/2" x 3-3/4"	500	.46	1.50	58.83	406 x 635 x 102
PURIIIS162048	16 x 20 x 4	15-1/2" x 19-1/2" x 3-3/4"	500	.46	1.50	46.45	406 x 508 x 102
PURIIIS122448	12 x 24 x 4	11-3/8" x 23-3/8" x 3-3/4"	500	.46	1.50	40.97	305 x 610 x 102
MERV 11							
PURIIIS242446	24 x 24 x 4	23-3/8" x 23-3/8" x 3-3/4"	500	.44	1.50	84.28	610 x 610 x 102
PURIIIS202546	20 x 25 x 4	19-1/2" x 24-1/2" x 3-3/4"	500	.44	1.50	74.14	508 x 635 x 102
PURIIIS202446	20 x 24 x 4	19-3/8" x 23-3/8" x 3-3/4"	500	.44	1.50	70.23	508 x 610 x 102
PURIIIS202046	20 x 20 x 4	19-1/2" x 19-1/2" x 3-3/4"	500	.44	1.50	58.53	508 x 508 x 102
PURIIIS182446	18 x 24 x 4	17-1/2" x 23-1/2" x 3-3/4"	500	.44	1.50	62.98	457 x 610 x 102
PURIIIS162546	16 x 25 x 4	15-1/2" x 24-1/2" x 3-3/4"	500	.44	1.50	58.83	406 x 635 x 102
PURIIIS162046	16 x 20 x 4	15-1/2" x 19-1/2" x 3-3/4"	500	.44	1.50	46.45	406 x 508 x 102
PURIIIS122446	12 x 24 x 4	11-3/8" x 23-3/8" x 3-3/4"	500	.44	1.50	40.97	305 x 610 x 102

Tolerances shall be +/- 1/8" for height, width and +/- 1/16" for depth. Performance values based on ASHRAE and in-house testing methods.

STANDARD PRESSURE DROP
Test Filter Size 24" x 24" x 4" Nominal



MINIMUM PARTICLE SIZE EFFICIENCY
Test Filter Size 24" x 24" x 4" Nominal



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