

Product Highlights

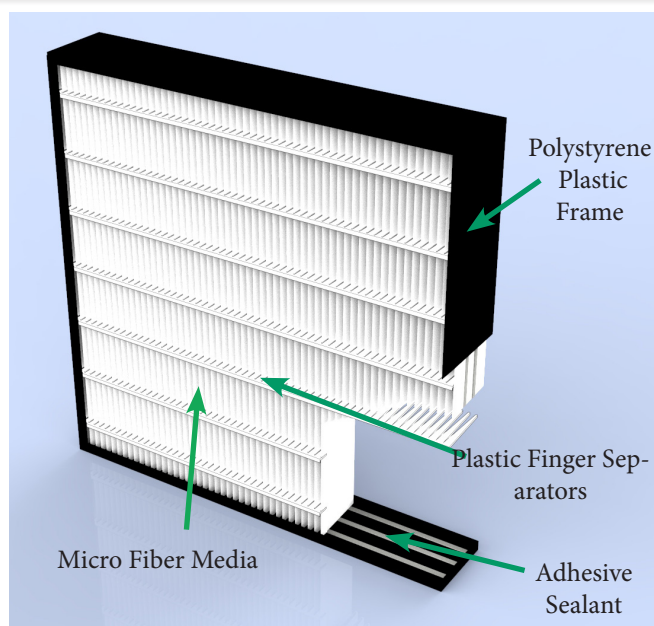
- MERV 15 Performance
- Beverage Board or Plastic Frame
- Plastic Frame Available in Box or Header Style
- Plastic Finger Separators

Features

The Glasfloss Puracell II LR 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 LR Series combines state-of-the-art mini-pleat construction techniques with superior reliability to offer maximum value for commercial and industrial applications. The filters incorporate plastic finger media separators which reduce resistance and decrease the filter's weight. Additionally, the series offers unique advantages over the traditional 12" rigid box filter including lower freight costs, reduced storage area requirements and less impact on landfills. The Puracell II LR Series is offered in several standard sizes and performance options.

Specifications

The Glasfloss Puracell II LR Series mini-pleat cartridge is sealed within a heavy-duty beverage board framework or high impact polystyrene plastic frame. The mini-pleat cartridge shall incorporate 100% synthetic fibers. The pleats are separated and supported by plastic fingers that reduce resistance. The media pack is resistant to moisture and does not support the growth of bacteria and mold. The media pack is thoroughly bonded within the beverage board or plastic framework. The filter shall be rated to withstand temperatures up to 180 degrees Fahrenheit. The recommended final resistance for Puracell II LR Series is 1.5" w.g.



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Glasfloss has a policy of uninterrupted research, development and product improvement and reserves the right to change design and specifications without notice.

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PRODUCT BULLETIN 11 LR · SECTION 11 · 3/1/25

PURACELL® II LR 4" SYNTHETIC MEDIA SERIES
Beverage Board Frame

| 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 FOOT | SIZE W x H x D NOMINAL MM |
|----------------|------------------------|----------------------------|--------------------|--------------------------|-----------------------|-------------------|---------------------------|
| MERV 15 | | | | | | | |
| PURSLR2424495 | 24 x 24 x 4 | 23 3/8" x 23 3/8" x 3 3/4" | 500 | 0.25 | 1.50 | 65.63 | 610 x 610 x 102 |
| PURSLR2520495 | 25 x 20 x 4 | 24 1/2" x 19 1/2" x 3 3/4" | 500 | 0.25 | 1.50 | 57.89 | 635 x 508 x 102 |
| PURSLR2024495 | 20 x 24 x 4 | 19 3/8" x 23 3/8" x 3 3/4" | 500 | 0.25 | 1.50 | 55.44 | 508 x 610 x 102 |
| PURSLR2020495 | 20 x 20 x 4 | 19 1/2" x 19 1/2" x 3 3/4" | 500 | 0.25 | 1.50 | 46.20 | 508 x 508 x 102 |
| PURSLR1824495 | 18 x 24 x 4 | 17 1/2" x 23 1/2" x 3 3/4" | 500 | 0.25 | 1.50 | 49.79 | 457 x 610 x 102 |
| PURSLR2516495 | 25 x 16 x 4 | 24 1/2" x 15 1/2" x 3 3/4" | 500 | 0.25 | 1.50 | 46.01 | 635 x 406 x 102 |
| PURSLR1620495 | 16 x 20 x 4 | 15 1/2" x 19 1/2" x 3 3/4" | 500 | 0.25 | 1.50 | 36.54 | 457 x 508 x 102 |
| PURSLR1224495 | 12 x 24 x 4 | 11 3/8" x 23 3/8" x 3 3/4" | 500 | 0.25 | 1.50 | 31.68 | 305 x 610 x 102 |

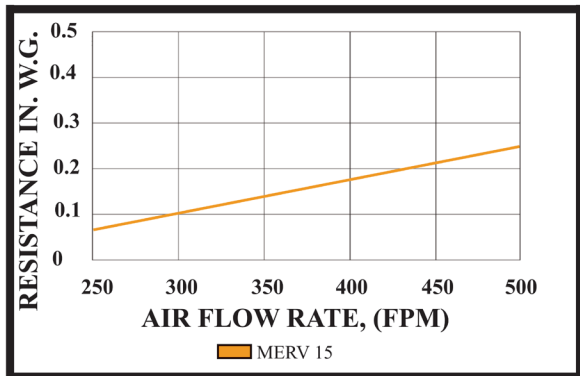
Tolerances shall be +/- 1/8" for height, width and +/- 1/16" for depth. Recommended final resistance is 1.50" wg.

PURACELL® II P-LR 4" SYNTHETIC MEDIA SERIES
Plastic Frame

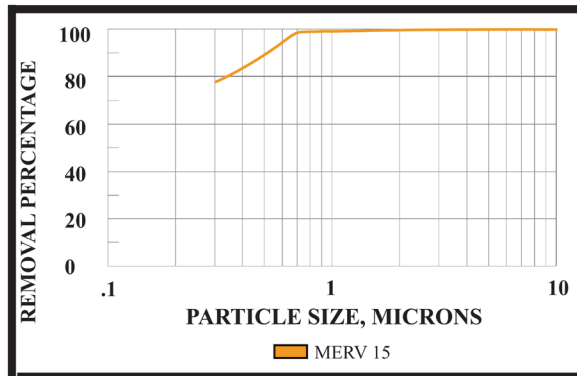
| BASE MODEL NUMBER | SIZE W x H x D NOMINAL | SIZE W x H x D EXACT | RATED VELOCITY FPM | INITIAL RESIST. IN. W.G. | FINAL RESIST. IN W.G. | MEDIA SQUARE FOOT | | SIZE W x H x D NOMINAL MM |
|-------------------|------------------------|----------------------------|--------------------|--------------------------|-----------------------|-------------------|-------|---------------------------|
| | | | | | | P-LR | PH-LR | |
| MERV 15 | | | | | | | | |
| 242449 | 24 x 24 x 4 | 23 3/8" x 23 3/8" x 3 3/4" | 500 | 0.25 | 1.50 | 61.20 | 51.72 | 610 x 610 x 102 |
| * 202549 | 20 x 25 x 4 | 19 3/8" x 24 3/8" x 3 3/4" | 500 | 0.25 | 1.50 | 53.29 | 44.48 | 635 x 508 x 102 |
| 202449 | 20 x 24 x 4 | 19 3/8" x 23 3/8" x 3 3/4" | 500 | 0.25 | 1.50 | 50.65 | 41.96 | 508 x 610 x 102 |
| 202049 | 20 x 20 x 4 | 19 3/8" x 19 3/8" x 3 3/4" | 500 | 0.25 | 1.50 | 41.94 | 34.15 | 508 x 508 x 102 |
| 182449 | 18 x 24 x 4 | 17 3/8" x 23 3/8" x 3 3/4" | 500 | 0.25 | 1.50 | 45.37 | 37.08 | 457 x 610 x 102 |
| * 162549 | 16 x 25 x 4 | 15 3/8" x 24 3/8" x 3 3/4" | 500 | 0.25 | 1.50 | 42.22 | 34.31 | 635 x 406 x 102 |
| 162049 | 16 x 20 x 4 | 15 3/8" x 19 3/8" x 3 3/4" | 500 | 0.25 | 1.50 | 33.20 | 26.21 | 457 x 508 x 102 |
| 122449 | 12 x 24 x 4 | 11 3/8" x 23 3/8" x 3 3/4" | 500 | 0.25 | 1.50 | 29.55 | 22.44 | 305 x 610 x 102 |

Tolerances shall be +/- 1/8" for height, width and +/- 1/16" for depth. Recommended final resistance is 1.50" wg.
* Model Number Size Configuration may be produced as 20x25 or 25x20 and 16x25 or 25x16.

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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