



# Pleated Microglass Cartridges

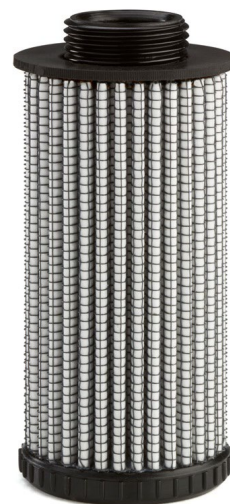
## PRODUCT FEATURES / BENEFITS

- ◆ Reinforced Stainless Steel Inner Support Allowing Higher Differential
- ◆ Epoxy Coated Reinforced Steel Exterior Mesh
- ◆ 3, 10, and 25 Micron Available
- ◆ Pre-Filter For Coalescing Elements
- ◆ Heavy Loading Particulate Applications
- ◆ Postive Sealing Eliminates ByPass
- ◆ High Pleat Count For Extra Surface Area
- ◆ Post Desiccant Dryer Contaminate Protection

We offer high-performance pleated microglass elements designed for use in both aluminum and stainless steel housings, delivering a robust, solution-driven option for demanding, particle-heavy applications. Engineered to maintain performance even when wetted by oil and water, this media is an ideal choice for 3–25-micron pre-filtration. Its large, pleated surface area ensures extended service life, reduced maintenance, and exceptional tolerance for heavy liquid aerosol loading. Protect final stage high efficiency coalescing elements with our pleated series.

Pleated Microglass filter elements are an excellent option for high particulate removal in both liquid and gas applications. The deep-pleated construction provides superior contaminant holding capacity while maintaining high flow rates and low pressure drop.

In heavily contaminated systems, Pleated Microglass elements can be used as pre-filters to extend the service life of downstream coalescing elements. Compared to paper and cellulose media, Microglass offers superior performance due to its inert characteristics and enhanced durability in harsh operating conditions.



TRE25-64-03PLMG-RB



51-230-10PLMG-RV

## Threaded Version (TRE)

Our TRE Series pleated elements are designed to thread directly into our 360 through 390AHP Compressed Air/Gas Housings. The integral threaded end, built-in support core, and exterior epoxy-coated screen protect the pleated microglass media while ensuring a secure, positive element fit.

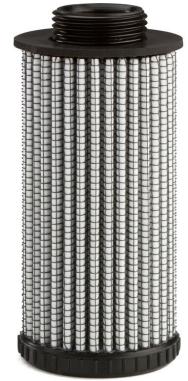
Pleated elements are commonly used as pre-filters for coalescers in applications where solid contaminants are present. In addition, our 3-micron pleated elements are recommended as post-filters on desiccant-type dryers to capture desiccant dust and prevent downstream contamination.

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### TECHNICAL INFORMATION

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Materials of Construction:	Microglass, Epoxy Coated Steel, Nylon, Viton Seals -Larger units contain 304SS Core
Type of Application:	Particulate Removal
Maximum Temperature:	212°F / 300°F (Dependent on Size)
Appearance:	Pleated White Microglass with Steel Screen
Flow Direction:	Outside to Inside



## Double Open End Version (DOE)

These elements are specifically designed to be used in our 150/160 high pressure filter housings where high flow rates and high efficiency filtration is required. The inner spiral wound 304 Stainless Steel support core and reinforced pleats provide high flows along with added durability.

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### TECHNICAL INFORMATION

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Materials of Construction:	Pleated Glass Microfiber Epoxy Coated Steel Reinforced Screen Inner 304 Stainless Steel Support PVC End Caps, Viton Seals
Type of Application:	Remove Particles from Liquid Stream
Maximum Temperature:	212°F
Appearance:	Perforated Metal with Black End Caps
Flow Direction:	Outside to Inside



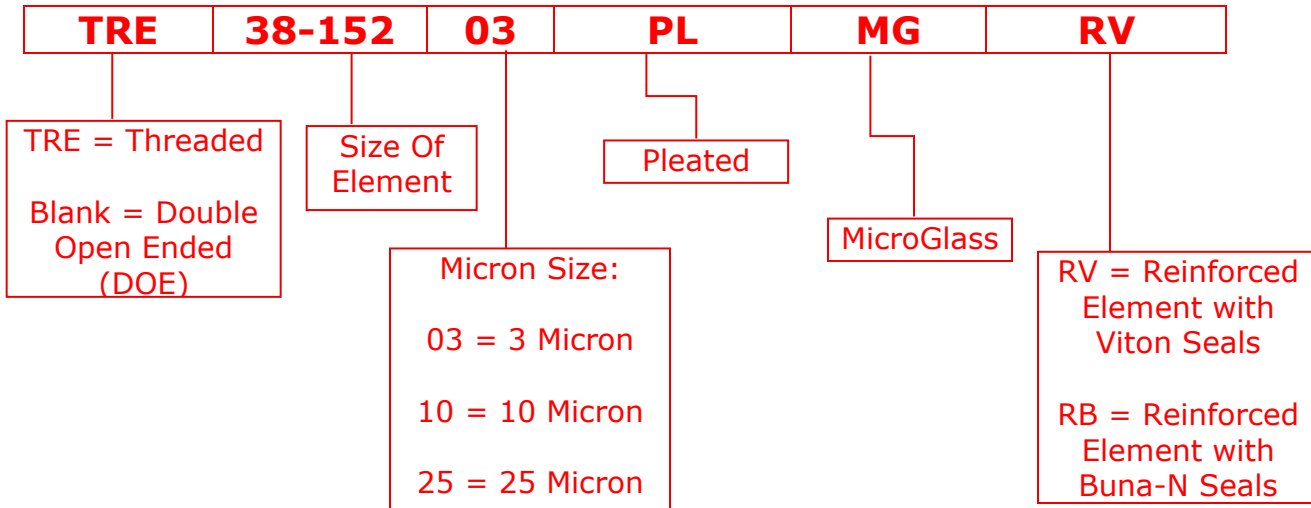
# Ordering Information

The ordering process is streamlined by following the part number schematic below:

## Micron Sizes Available (µm):

3 (03), 10 (10), 25 (25)

## Example Part Number:



## Standard Sizes Offered

Size	TRE Version	DOE Version	Housings these Fit
25-64	TRE25-64-µm	-	TRE Version: 360 Series, 750/760 Series
25-178	TRE25-178-µm	-	TRE Version: 370 Series, 775/780 Series
38-152	TRE38-152-µm	-	TRE Version: 380AHP Series
51-230	TRE51-230-µm	51-230-µm	TRE Version: 385AHP Series DOE Version: 150 Series
51-476	TRE51-476-µm	51-476-µm	TRE Version: 390AHP Series DOE Version: 160 Series