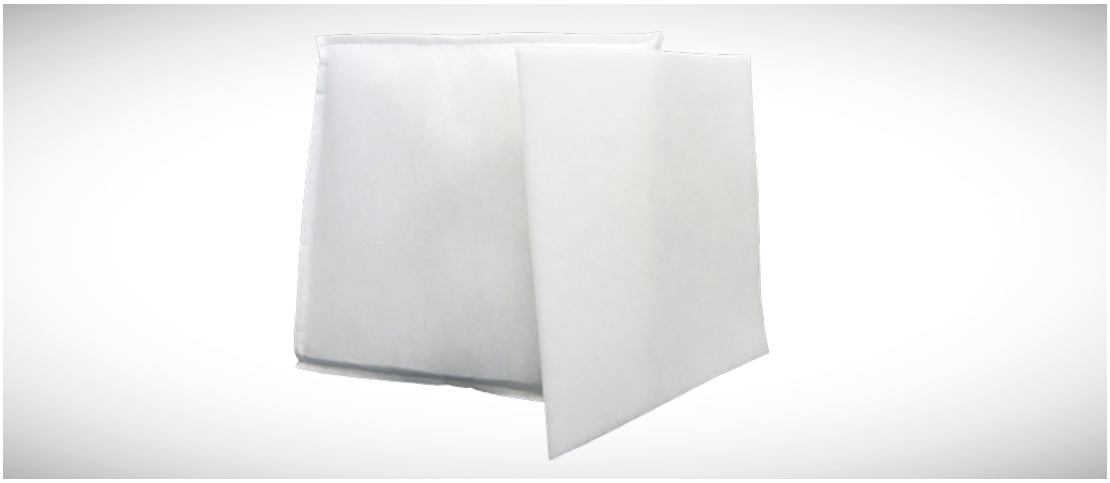
TR-1™ Diffusion Panels and Media

FEATURES

- For use in laminar flow spray booths
- Available in bulk rolls, media pads, panels or links
- Standard and special sizes available
- One inch thickness on panel
- Average efficiency over 10 micron = 95%
- Initial resistance 0.09 "W.G. @ 100 FPM
- Tackifier applied to eliminate particle migration



TR-1™ DIFFUSION – SPRAY BOOTH SERIES

Tri-Dim's TR-1 panel and media filters are designed for use in paint booth air make-up systems. The TR-1 is engineered with a progressive density media that is treated with a exclusive tackifier to offer high efficiency, long service life and excellent prefiltration for high efficiency final filters.

TR-1 is available in a wide variety of styles— bulk rolls, media pads, panels and linked panels—to meet the wide variety of systems available. They are also available in a wide range of standard and custom sizes.

TR-1 panel is a one-inch thick, synthetic media that is constructed utilizing graduated density to maximize dirt holding capacity and extend filter life. TR-1 is designed with a minimum average removal efficiency of 95% on particles over 10 micron in size.

TR-1 media also offers a very low initial resistance of 0.09 "W.G. (22 Pa) at the rated air flow of 100 FPM (0.51 m/sec). This low operating resistance can provide significant energy savings for your system.

TR-1 also employs a non-migrating tackifier to eliminate particle migration through the media. The media has tackifier saturation for maximum efficiency and the elimination of particle and fiber migration.

The downstream face of TR-1 is reinforced with a scrim backing to protect the media from damage and to add robustness to the filter.

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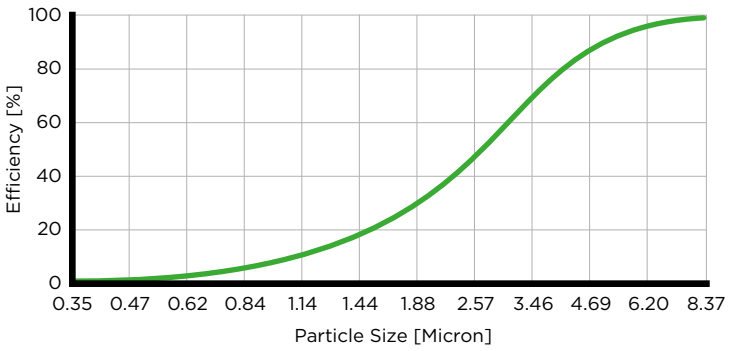
TR-1™ Diffusion Technical Specification

SPECIFICATIONS

Product	TR-1 Media	TR-1 Panel
Media	Synthetic	Synthetic
Thickness	0.375" *(9.5 mm)*	1.0" *(25 mm)*
Resistance to air flow	0.09 "W.G. @ 100 FPM *(22 Pa @ 0.51 m/sec)*	0.15 "W.G. @ 110 FPM *(37 Pa @ 0.56 m/sec)*
Temperature	212 °F (100 °C)	212 °F (100 °C)
Average efficiency	> 95% on 10 micron	> 95% on 10 micron

REMOVAL EFFICIENCY

vs Fractional Particle Size



Tri-Dim Filter Corporation is committed to continual product development – all descriptions, specifications and performance data are subject to change without notice. Tri-Dim products are manufactured to exacting criteria – there can be a ±5% variance in filter performance.

LOCAL REPRESENTATIVE

MANN+HUMMEL

TRIDIM
A MANN+HUMMEL Company

Tel: 800-458-9835
info@tridim.com

tridim.com
mann-hummel.com