TD 800™
Diffusion Media

FEATURES

- For use in laminar flow spray booths
- Available in bulk rolls or media
- Standard and special sizes available
- 1" nominal thickness
- Rated temperature up to 212 °F
- MERV 11
- 99% average efficiency over 5 micron
- Initial resistance 0.23" W.G. @ 100 FPM
- Tackifier applied to eliminate particle migration

DIFFUSION MEDIA FOR PAINT SPRAY BOOTHS

Tri-Dim's TD 800™ diffusion media has been designed to meet and exceed the high performance demands of high tech finishes and laminar flow spray booths. TD 800 offers exceptional efficiency and superior laminar airflow characteristics, making it the clear choice for today's sophisticated spray booths.

TD 800 is available in a wide range of styles to meet the variety of systems available. TD 800 is available in bulk rolls and media pads, and in a wide range of standard and custom sizes.

TD 800 is a nominal one-inch thick synthetic media that is constructed utilizing graduated density to maximize dirt holding capacity and extended filter life. TD 800 is rated to perform in conditions up to 212 °F (100 °C) with a minimum average removal efficiency of 99% on particles over 5 micron in size. TD 800 has a MERV 11 when tested per ASHRAE 52.2.

TD 800 also offers a very low initial resistance of 0.23" W.G. (57 PA) at the rated airflow of 100 FPM (0.51 m/sec). This low operating resistance can deliver significant energy savings.

TD 800 also employs a non-migrating tackifier to eliminate particle migration through the media. The media has 100% tackifier saturation for maximum efficiency, and to eliminate particle and fiber migration.

The downstream face of TD 800 is reinforced with a scrim backing to protect the media from damage and to add robustness to the filter.

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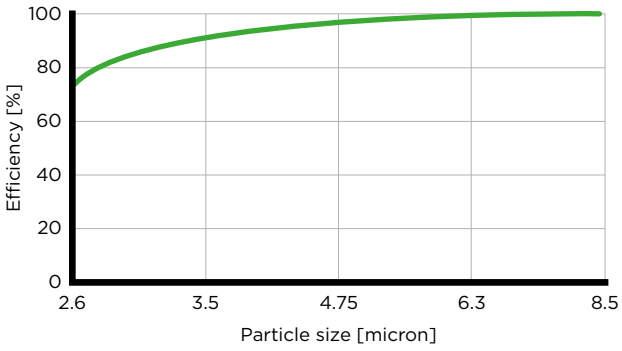
TD 800 Specifications

TECHNICAL SPECIFICATIONS

Media construction	Thermally-bonded synthetic
Media thickness	0.80 inches (20 mm)
Media velocity	100 FPM (0.51m/sec)
Efficiency (per ASHRAE 52.2)	MERV 11
Average efficiency (test challenge = KCl)	>5 micron = 99%
Resistance to airflow	0.23" W.G. @ 100 FPM
Temperature	212 °F (100 °C)

TD 800

Fractional particle size removal efficiency



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

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