TD 700-8™ Diffusion Media

TECHNICAL BULLETIN

FEATURES

- For use in laminar flow spray booths
- Available in bulk rolls, media pads, panels or links
- Standard and special sizes available
- MERV 9 efficiency
- 1" nominal thickness
- Rated temperature up to 212 °F
- Average efficiency over 5 micron = 99%
- Initial resistance 0.20 "W.G. @ 100 FPM
- Tackifier applied to eliminate particle migration

DIFFUSION MEDIA FOR PAINT SPRAY BOOTHS

Tri-Dim's TD 700-8™ diffusion media was designed to meet and exceed the high performance demands of today's high tech finishes and laminar flow spray booths. TD 700-8 offers exceptional efficiency and superior laminar airflow characteristics and is the clear choice for today's sophisticated spray booths.

TD 700-8 is available in a wide variety of styles to meet the wide variety of systems available. TD 700-8 is available in bulk rolls, media pads, panels and linked panels. TD 700-8 is available in a wide range of standard sizes; custom sizes are also readily available.

TD 700-8 is a nominal one-inch thick synthetic media that is constructed utilizing graduated density to maximize dirt holding capacity and extended filter life. TD 700-8 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 700-8 also offers a very low initial resistance of 0.20 "W.G. (50 Pa) at the rated airflow of 100 FPM (0.51 m/s). This low operating resistance equates to energy savings.

TD 700-8 also employs a non-migrating tackifier to eliminate particle migration through the media. The media has 100% tackifier saturation for maximum efficiency and the elimination of particle and fiber migration.

The downstream face of TD 700-8 is reinforced with a scrim backing to protect the media from damage and to add robustness to the filter.

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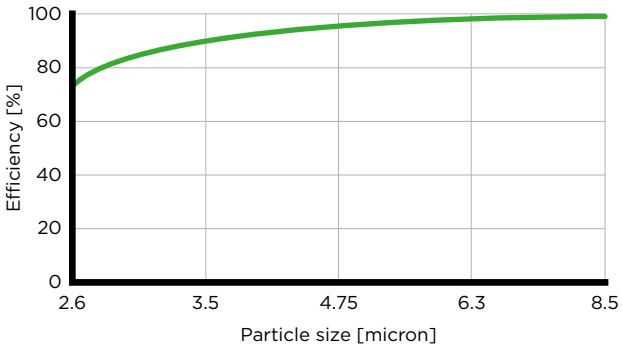
TD 700-8 Specifications

TECHNICAL SPECIFICATIONS

Media construction	Thermally-bonded synthetic
Media thickness	0.87" (22 mm)
Media velocity	100 FPM (0.51 m/s)
Average efficiency (test challenge = KCl)	>5 micron = 99%
ASHRAE 52.2 efficiency	MERV 9
Resistance to air flow	0.20 "W.G. @ 100 FPM (50 Pa @ 0.51 m/s)
Temperature	212 °F (100 °C)

TD 700-8

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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