



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/sec). 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.

FEATURES:

- ☑ For use in Laminar Flow Spray Booths
- ☑ Available in Bulk Rolls, Media Pads, Panels or Links
- ☑ Standard and Special Sizes Available
- ☑ One Inch 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

TECHNICAL SPECIFICATIONS

MEDIA CONSTRUCTION

Thermally Bonded Synthetic

MEDIA THICKNESS

0.87 inches (22 mm)

MEDIA VELOCITY

100 FPM
(0.51 m/sec)

AVERAGE EFFICIENCY

Test Challenge = KCl

>5 micron = 99%

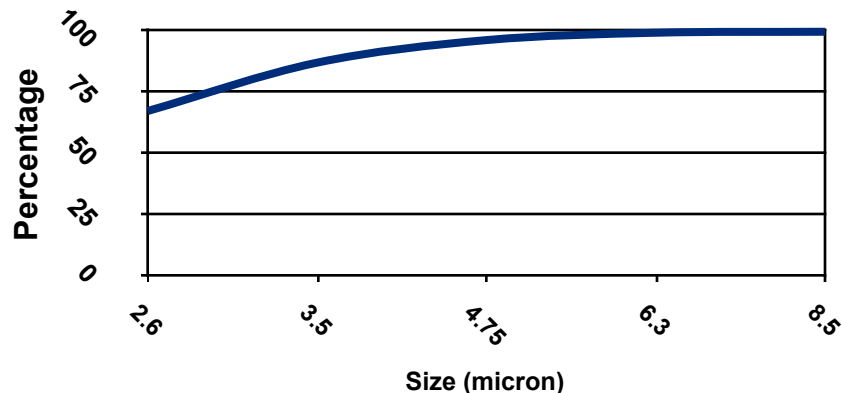
RESISTANCE TO AIRFLOW

0.20" W.G. @ 100 FPM
(50PA @ 0.51 m/sec)

TEMPERATURE

212° F
(100° C)

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. Tri-Dim® and Tri-Dek® are Registered Trademarks of Tri-Dim Filter Corporation. TD 700-8™ is a Trademark of Tri-Dim Filter Corporation.



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