TRI DIM FILTER CORPORATION

TD 700-8™

DIFFUSION MEDIA

SPRAY BOOTH SERIES

SPRAY BOOTH FINAL FILTER AND DIFFUSION 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 Nominal Thickness**
- ☑ **Rated Temperature up to 212° F**
- ☑ **Initial Efficiency over 5 micron = 99%**
- ☑ **Initial Resistance 0.13" W.G. @ 100 FPM**
- ☑ **Tackifier Applied to Eliminate Particle Migration**

Tri-Dim's TD 700-8™ Diffusion Media was designed with the high performance demands of today's high tech finishes and laminar flow spray booths at the forefront. 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 initial removal efficiency of 99% on particles over 5 micron in size.

TD 700-8 also offers a very low initial resistance of 0.13" W.G. at the rated airflow of 100 FPM. This low operating resistance equates to potentially large energy savings. TD 700-8 also employs a non-migrating tackifier to eliminate particle migration through the media.

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.

TECHNICAL SPECIFICATIONS

MEDIA CONSTRUCTION

Thermally Bonded Synthetic

MEDIA THICKNESS

0.87 inches (*22 mm*)

MEDIA VELOCITY

100 FPM
(0.51 m/sec)

MINIMUM INITIAL EFFICIENCY

Test Challenge = Neutralized KCl

>5 micron = 99%

RESISTANCE TO AIRFLOW

0.13" W.G. @ 100 FPM
(32 PA @ 0.51 m/sec)

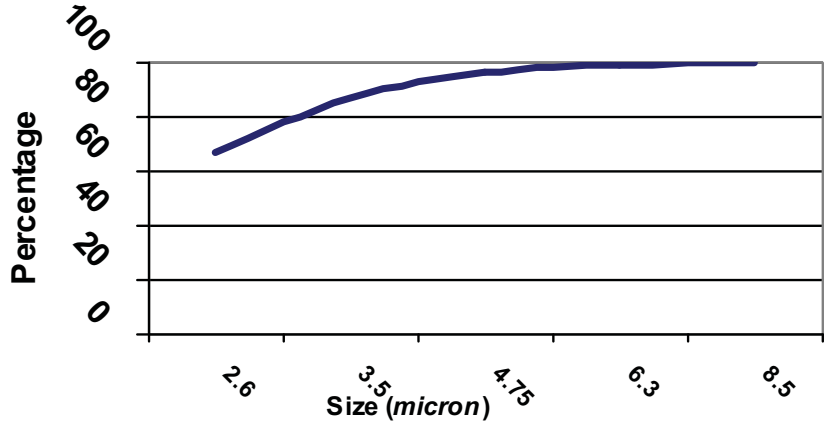
DUST HOLDING CAPACITY

39 grams/ft^2

TEMPERATURE

212° F
(100° C)

Particle Size Removal Efficiency - Initial



TRI DIM FILTER CORPORATION

TRI-DIM FILTER CORPORATION
P.O. BOX 466 • 93 INDUSTRIAL DRIVE
LOUISA, VA 23093
(540) 967-2600 • FAX: (540) 967-2835
EMAIL: info@tridim.com • Website: www.tridim.com
TOLL FREE 1-800-458-9835

Local Representation:

Brochure # 2200-5
Revision: 04/08