

# TD 900™

## 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 9
- 99% average efficiency at > 5 micron
- Initial resistance 0.37 "W.G. @ 100 FPM
- Tackifier applied to eliminate particle migration



### SPRAY BOOTH DIFFUSION MEDIA

TD 900™ diffusion media was designed by Tri-Dim to meet and exceed the high performance demands of today's high tech finishes and laminar flow spray booths. TD 900 offers exceptional efficiency and superior laminar air flow characteristics, and is the clear choice for today's sophisticated spray booths.

TD 900 is available in a wide range of styles and sizes to meet the variety of systems available. This includes bulk rolls and media pads, and custom dimensions.

TD 900 is a nominal one-inch thick synthetic media that is constructed utilizing graduated density to maximize dirt holding capacity and extended filter life. The media 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 and MERV 9 when tested per ASHRAE 52.2.

TD 900 also offers a very low initial resistance of 0.37 "W.G. (92 Pa) at the rated air flow of 100 FPM (0.51 m/sec). This low operating resistance can deliver significant energy savings for your entire air handling system.

TD 900 also features a non-migrating tackifier. This 100% tackifier saturation provides maximum efficiency and eliminates particle and fiber migration.

The downstream face of TD 900 is reinforced with a scrim backing to protect the media from damage and add robustness to the overall pad.

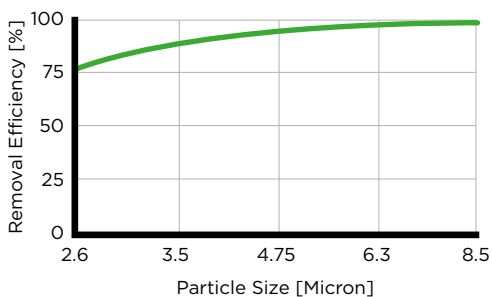
# TD 900™

# Technical specifications

## SPECIFICATIONS & PERFORMANCE

<b>Product</b>	<b>TD 900</b>
<b>Media Construction</b>	Thermally-bonded synthetic
<b>Media Thickness</b>	0.87" (22 mm)
<b>Media Velocity</b>	100 FPM (0.51 m/s)
<b>Efficiency</b> (per ASHRAE 52.2)	MERV 9
<b>Efficiency</b> (Average - Test Challenge = KCl)	> 5 micron = 99% +
<b>Resistance to Air Flow</b>	0.37 "W.G. @ 100 FPM (92 Pa @ 0.51 m/sec)
<b>Temperature Resistance</b>	212 °F

## PARTICLE SIZE 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