



HT Media

## SYNTHETIC FILTER MEDIA PADS AND ROLLS

### 1. Scope

This specification covers synthetic media that is a component of HVAC and paint booth systems.

### 2. Construction

#### 2.1. Media

The media shall consist of three stages of 100% polyester media with graduated density, allowing for depth loading. The media shall be white on the air entering side and green on the air entering side.

#### 2.2. Tack

A non-migrating tackifier shall be located between the second and third layers of media.

### 3. Size Availability

The media shall be available in both pre-cut pads and blankets.

### 4. Performance

The media shall meet the following minimum performance requirements based on the ASHRAE 52.2-2007 test standard. Tests conducted on 24x24 size filters at a test velocity of 295 FPM shall be representative of the performance of all sizes purchased.

Nominal Size	24 x 24 x 2	24 x 24 x 2
Rated Face Velocity (FPM)	300	500
Rated Air Flow Capacity (CFM)	1200	2000
Initial Resistance (In. W.G.)	.30	.65
Final Resistance (In. W.G.)	1.0	1.0
MERV (Conditioned)	8	8
E3 Average Particle Size 3-10 Micron (Conditioned)	80%	80%

### 5. UL Classification

The media shall be classified by Underwriters Laboratories, Inc. Class 2 per UL Standard 900.