



### Delta-Aire™ Filtration Media

AFM-85

**Applications:**

AFM-85 Filter Media is designed to be fabricated into Pleated type HVAC finished filter devices.

**Roll Specifications:**

Roll Widths (m): maximum - 1.83  
Roll Length (lin. m): Standard 182.9.  
(Check for custom lengths)  
Roll Cores - Chipboard: 50.8mm ID

**Variations:**

B2 media is fiberglass backed with 0.5 osy polyester.

B1 media is fiberglass backed with a woven fiberglass mat.

Product is not available unbacked.

**Average Physical Properties<sup>(1) (6)</sup>**

PRODUCT	AFM-85 B1	AFM-85 B2
Media Color	Pink	Pink
Thickness (mm)	3.0	3.0
Composite Weight (g/m <sup>2</sup> )	118.4	56.0
Pressure Drop (Pa) <sup>(2)</sup>	39.1	39.1
Initial Flat Sheet Particle Efficiency(%) <sup>(3)</sup>	53	53
Average Atmospheric Efficiency (%) <sup>(4)</sup>	80-85	80-85
Flammability (UL-Classification) <sup>(5)</sup>	1	2

**Notes:**

- (1) Values shown in chart are typical, nominal physical properties.
- (2) Nominal pressure drop is measured at an air velocity of 25 ft./min. (0.13 m/sec) through a 2 ft x 2 ft (0.61 m x 0.61 m) flat sheet.
- (3) Efficiency is measured at an air velocity of 25 ft./min. (0.13 m/sec) through a 2 ft x 2 ft (0.61 m x 0.61 m) flat sheet in the 0.3 - 0.5 micron particle size range.
- (4) Applicable to finished air cleaning devices. Results are dependent on filter design and construction. Based on the ASHRAE-52.1 test method.

- (5) Filter media, by itself, is not rated by UL. Classifications shown are potential ratings when media is made into a completed air cleaning device designed to meet those classifications in the UL-900 "Standard for Air Filter Units."
- (6) Johns Manville recommends using filtration media products within six months of the production date.