

Delta-Aire™ Filtration Media

XLG - 45

Applications:

XLG-45 Filter Media is designed to be fabricated into either Pocket or Pleated type HVAC finished filter devices. Unbacked media must have a customer applied backing before being acceptable for such filter applications.

Roll Specifications:

Roll Widths (m): maximum – 1.83
 Roll Length (lin. m): Standard 152.4.
 (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.

Unbacked is fiberglass blanket only.

Average Physical Properties^{(1) (6)}

PRODUCT	XLG-45 UNBACKED	XLG-45 B1	XLG-45 B2
Media Color	Amber	Amber	Amber
Thickness (mm)	6.4	6.4	6.4
Composite Weight (g/m ²)	76.4	156.1	93.6
Pressure Drop (Pa) ⁽²⁾	12.4	12.4	12.4
Initial Flat Sheet Particle Efficiency (%) ⁽³⁾	12	12	12
Average Atmospheric Efficiency (%) ⁽⁴⁾	40-45	40-45	40-45
Flammability (UL-Classification) ⁽⁵⁾	1	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.