



HP300-AL

ALUMINUM

HP300-AL has an aluminum anti-static coating is sandwiched between a proprietary HEPA grade ePTFE membrane and then Thermally-Bonded to a 100% synthetic base through a proprietary process. An aluminum, anti-static coating is added to this Bi-Component Polyester which maintains a neutral charge that will minimize negative ion and electro-static build up on the filter element. This E11 HEPA membrane is formed without solvents, chemicals or binders. The unique Relaxed Membrane is bonded to the up-flow side that makes this media a one-of-a-kind in the filtration industry. The bonding process is engineered so the membrane and aluminum coating will not rupture or break down during the pleating process.

FEATURES

- Neutralizes Electrostatic Charges
- 100% Hydrophobic
- High Efficiency E11
- Washable
- Low Pressure Drop (up to 40% lower)

APPLICATIONS

- Industrial Air Filtration
- Welding (Laser, Plasma)
- Stainless Steel Welding
- Pharmaceuticals
- Plating
- Food Processing
- Powder Coating
- Cement

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SPECIFICATIONS	US	METRIC
MODEL	HP300-AL	HP300-AL
EFFICIENCY @0.33MICRON	99.73 %	99.73%
EFFICIENCY (PER EN-1822)	E10/11	E10/11
BASIS WEIGHT	7.8 oz/yd ²	265 gsm
THICKNESS	0.023"	0.59 mm
TENSILE STRENGTH IN WARP	105 lb/2"	470 N/5cm
TENSILE STRENGTH IN WAFT	98 lb/2"	440 N/5cm
MINIMUM MULLEN BURST	314 psi	2170 KPa
AIR PERMEABILITY	6.6 cfm/ft ² @0.5"wg	33 L/dm ² .min@200Pa



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