



HP300-FR

FIRE RETARDANT

HP300-FR has a Fire Retardant coating applied to the proprietary HEPA grade ePTFE membrane and is Thermally-Bonded to a 100% synthetic base through a proprietary process that forms a permanently bonded membrane without using solvents, chemicals, or binders. This process eliminates the risk of contamination and leach out during the filtration process. The unique Relaxed Membrane will not rupture or break during the pleating process like typical membranes. When extra protection against fires is a priority, the HP300-FR is the only choice where heavy sparks are generated and there is a risk of fire.

FEATURES

- Fire Retardant chemical coating
- Prevents sparks from igniting
- 100% Hydrophobic
- Fire Suppressant
- Explosion Suppressant
- Anti-Static Control
- Full Synthetic Media
- High Efficiency E11

APPLICATIONS

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

HP300-FR

SPECIFICATIONS	US	METRIC
MODEL	HP300-FR	HP300-FR
SUBSTRATE	Polyester Spunbond	Polyester Spunbond
EFFICIENCY @0.33MICRON	99.50%	99.50%
EFFICIENCY (PER EN-1822)	E11	E11
BASIS WEIGHT	8.3 oz/yd ²	280 gsm
THICKNESS	0.024"	0.62 mm
TENSILE STRENGTH IN WARP	220 lb/2"	1000 N/5cm
TENSILE STRENGTH IN WAFT	160 lb/2"	750 N/5cm
MINIMUM MULLEN BURST	280 psi	1934 KPa
AIR PERMEABILITY	4-6 cfm/ft ² @0.5"wg	20-30 L/dm ² .min@200Pa
RESISTANCE (32 L/min)	0.92 in wg	230 Pa



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