



HP500-130

HP500 is an H13 efficiency that puts it in a class of its own. The proprietary HEPA grade ePTFE membrane is Thermal-Bonded to a 130gsm Toray Bi-Component Polyester Spunbond base. The membrane is laminated to the substrate without solvents, chemicals, or binders. This process eliminates the risk of contamination and leach out during the filtration process. The, unique to IAM, Relaxed Membrane will not rupture or break during the pleating process like typical membranes. Applications that require high efficiency, HEPA grade media with low pressure drop, such as vacuum systems, pharmaceuticals and clean rooms, will have the added advantage of a durable chemical resistant media.

FEATURES

- Chemical Resistant, Anti-Salt membrane
- 100% Hydrophobic
- HEPA Grade (H13 Efficiency)
- Full Synthetic Media
- Excellent particulate shedding off surface
- Relaxed ePTFE membrane for durability in the pleating process

APPLICATIONS

- Vacuum Systems
- Pharmaceuticals
- Clean Rooms
- Electronics
- Chemical Filtration
- Biological Filtration
- Hazardous Material Collection
- Radioactive Particles
- Hospitals
- Food Processing
- Laboratories

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SPECIFICATIONS	US	METRIC
MODEL	HP500-130	HP500-130
SUBSTRATE	Polyester Spunbond	Polyester Spunbond
EFFICIENCY @0.33MICRON	99.9991%	99.9991%
EFFICIENCY (PER EN-1822)	H13	H13
BASIS WEIGHT	3.8 oz/yd ²	130 gsm
THICKNESS	0.015"	0.39 mm
CONTINUOUS SERVICE TEMP.	275°F	135°C
TENSILE STRENGTH IN WARP	128.8 lb/2"	573 N/5cm
TENSILE STRENGTH IN WAFT	61.1 lb/2"	272 N/5cm
MINIMUM MULLEN BURST	182 psi	1256 KPa
AIR PERMEABILITY	5 cfm/ft ² @0.5"wg	25 L/dm ² .min@200Pa
RESISTANCE (32 L/min)	1.08 in wg	270 Pa



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