



# TR500-70

A 3-layer construction with high efficiency and lower pressure drop, this fully synthetic media will optimize power output, reduce maintenance cost and increase compressor & turbine lifetime. A 3rd outer layer acts as a Pre-Filter to remove larger particulate, keeping unburnt hydrocarbons, salt, moisture and all particulate from getting to the HEPA membrane or 2nd stage filter.

## FEATURES

- 3 Weights Available: 70 GSM, 130 GSM & 200 GSM
- Extremely High Dust Holding Capacity
- Strengthened 3-Layer Lamination
- Greatly extended filter life
- Increases Gas Turbine Availability
- Special 3rd layer reduces corrosion
- High Efficiency E12 Filtration
- Can be pulsed or used in static filtration for V-Bank Construction
- 3rd layer protects from salt and unburnt hydrocarbons from effecting performance

## APPLICATIONS

- Gas turbine HEPA grade
- Power plants
- Pharmaceutical
- Biomedical air filtration
- Hazardous material collection
- Electronics
- Compressors

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SPECIFICATIONS (70 GSM)	US	METRIC
MODEL	TR500-70	TR500-70
EFFICIENCY @0.33MICRON	99.99 %	99.99 %
EFFICIENCY (PER EN-1822)	E13	E13
BASIS WEIGHT	3.6 oz/yd <sup>2</sup>	122 gsm
THICKNESS	0.015"	0.38 mm
TENSILE STRENGTH IN WARP	119 lb/2"	530 N/5cm
TENSILE STRENGTH IN WAFT	62 lb/2"	277 N/5cm
MINIMUM MULLEN BURST	175.5 psi	1210 KPa
AIR PERMEABILITY	6.0 cfm/ft <sup>2</sup> @0.5"wg	30 L/dm <sup>2</sup> .min@200Pa
RESISTANCE (32 L/min)	1.06 in wg	258 Pa



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