



TR500-200

A 3-layer construction with high efficiency and lower pressure drop, this fully synthetic E12 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. Our proprietary ePTFE second layer is thermally bonded to a Bi-Component Polyester Spunbond base through a unique process that forms a perma-bond membrane without solvents, chemicals or binders. The proprietary Relaxed Membrane will not rupture or break during filter processing. The TR family medias are great for Gas Turbines and compressors.

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 E13 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

TR500-200

SPECIFICATIONS (200 GSM)	US	METRIC
MODEL	TR500-200	TR500-200
EFFICIENCY @0.33MICRON	99.99 %	99.99 %
EFFICIENCY (PER EN-1822)	E13	E13
BASIS WEIGHT	7.4 oz/yd ²	250 gsm
THICKNESS	0.026"	0.66 mm
TENSILE STRENGTH IN WARP	251 lb/2"	1120 N/5cm
TENSILE STRENGTH IN WAFT	152 lb/2"	680 N/5cm
MINIMUM MULLEN BURST	390 psi	2685 KPa
AIR PERMEABILITY	8.2 cfm/ft ² @0.5"wg	41 L/dm ² .min@200Pa
DUST HOLDING CAPACITY	0.5F ² sample size = 65.03 grams @ 4"	
RESISTANCE (32 L/min)	0.076 in wg	198 Pa



Innovative Air Management
 10051 E. Highland Road | Suite 29-132 | Howell, MI 48843, USA
 innovativeairmgt.com | 586.201.3513 | info@innovativeairmgt.com



In Partnership with
 Lingqiao E.P.E.W. Co., Ltd.
 en.lhtech.cn | +86 21 5010 9855