



Superior Fibers EU Ltd.[®]

Glass Fibre for Composites and Air Filtration

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Product Specification Sheet

1. **Product Name:** IND500 Filter Media
2. **Product Description Details:** Glass fibre monofilament bonded media
3. **Typical Application:** Air conditioning applications
4. **Packaging Information:** Wrapped on a 3"/75mm cardboard core, sealed in a polythene bag, tie wired one end and labeled with product details, dimensions and product traceability reference
5. **Tariff Code:** 7019.39.0050
6. **MSDS Reference:** SFI 0002
7. **REACH Classification** Defined as an "Article" and therefore not covered by REACH classification

Description	Imperial Measurement	Metric Measurement
Glass Weight – nominal	18.5gm/ft ²	200gm/m ²
Free Thickness	2"	50mm
Adhesive weight	2gm/ft ²	20gm/m ²
Colour	Green Entry/White Exit	Green Entry/White Exit
Roll Lengths	66'/132'/200'/266'/300'	20m/40m/60m/80m/91m
Slit width tolerance	0.5"	12mm
Backing Skin	20%	20%
General Tolerance	+/-10%	+/-10%
Continuous Operating Temp	300 deg F	150 deg C
Max Short Term Peak Temp	390 deg F	200 deg C



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PAINT ARRESTANCE FILTER TEST REPORT

Spray Removal Efficiency & Paint Holding Capacity

Report Prepared By:	Superior Fibers
Filter Mfr.:	Superior Fibers
Filter Name/Model:	IND500 Media
Report#./Test#	IT1201
Report Date:	December 1, 2011

Test Comparison Information

FILTER DESCRIPTION (20" x 20" pad):

Green on white highloft fiberglass pad

PAINT DESCRIPTION:

Kem Aqua 600T, water reducible enamel

PAINT SPRAY METHOD:

Conventional Air Gun at 40 PSI

SPRAY FEED RATE:

131 gr./min.

130 cc./min.

AIR VELOCITY:

150 FPM

Test Results

INITIAL PRESSURE DROP of Clean Test Filter

0.03 in. water

FINAL PRESSURE DROP of Loaded Test Filter

0.57 in. water

WEIGHT GAIN on TEST FILTER & Test Frame Trough

3189 grams

PAINT HOLDING CAPACITY of TEST FILTER

2996 grams =

PAINT RUN-OFF

193 grams

WEIGHT GAIN - FINAL FILTER

9.0 grams =

PENETRATION

AVERAGE REMOVAL EFFICIENCY of TEST FILTER

99.72%

Note:

Indicative results based upon tested performance of similar specification/comparable products and in some best estimates made where required

