



# Superior Fibers EU Ltd.<sup>®</sup>

Glass Fibre for Composites and Air Filtration

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## Product Specification Sheet

1. **Product Name:** IND250 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 0003
7. **REACH Classification:** Defined as an "Article" and therefore not covered by REACH classification

Description	Imperial Measurement	Metric Measurement
Glass Weight – nominal	14gm/ft <sup>2</sup>	150gm/m <sup>2</sup>
Free Thickness	1"	25mm
Adhesive weight	2gm/ft <sup>2</sup>	20gm/m <sup>2</sup>
Colour	Coloured Entry/White Exit	Coloured 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:	<b>Superior Fibers</b>
Filter Mfr.:	<b>Superior Fibers</b>
Filter Name/Model:	<b>IND250 Media</b>
Report#/Test#	<b>IT1201</b>
Report Date:	<b>December 1, 2011</b>

### 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

**3340 grams**

PAINT HOLDING CAPACITY of TEST FILTER

**3147 grams =**

PAINT RUN-OFF

**193 grams**

WEIGHT GAIN - FINAL FILTER

**10.4 grams =                      PENETRATION**

AVERAGE REMOVAL EFFICIENCY of TEST FILTER

**99.69%**

Note:

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

