



# Superior Fibers EU Ltd.<sup>®</sup>

Glass Fibre for Composites and Air Filtration

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## Product Specification Sheet

1. **Product Name:** FA500/3 Filter Media
2. **Product Description Details:** Glass fibre monofilament bonded media
3. **Typical Application:** Paint overspray collection
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 0001
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 <sup>2</sup>	200gm/m <sup>2</sup>
Free Thickness	2.75-3"	65-75mm
Adhesive weight	0	0
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%

**PAINT ARRESTANCE FILTER TEST REPORT**  
 Spray Removal Efficiency & Paint Holding Capacity

Tested for: **Superior Fibers**  
 Filter Mfr.: **Superior Fibers**  
 Filter Name/Model: **FA500/3**  
 Report#./Test#: **R 030 T 065**  
 Report Date: **Oct 14, 1996**

**Test Information**

**FILTER DESCRIPTION (20" x 20" pad):**

Green on white highloft fiberglass pad

**PAINT DESCRIPTION:**

High Solid Catalysed Polyurethane

**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**

**2181 grams**

**PAINT HOLDING CAPACITY of TEST FILTER**

**896 grams = 2.0 lbs lbs.**

**PAINT RUN-OFF**

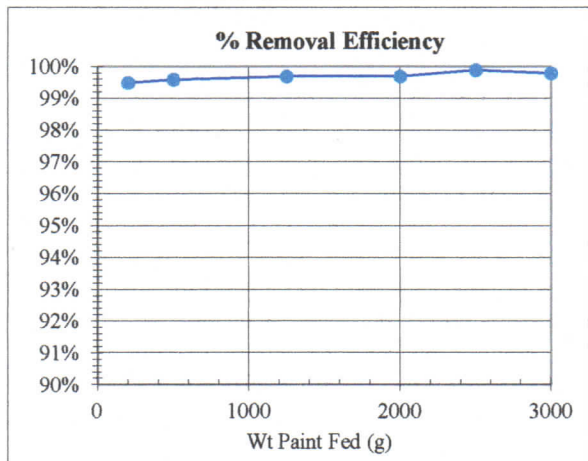
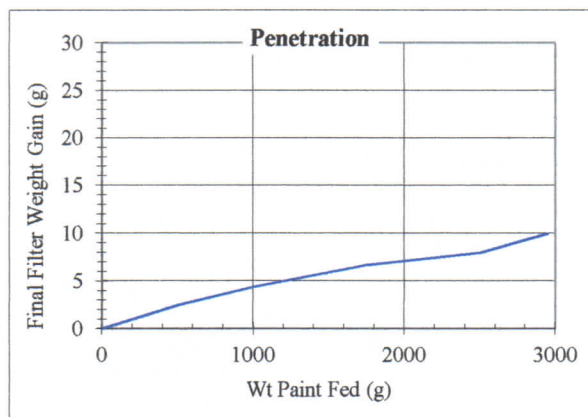
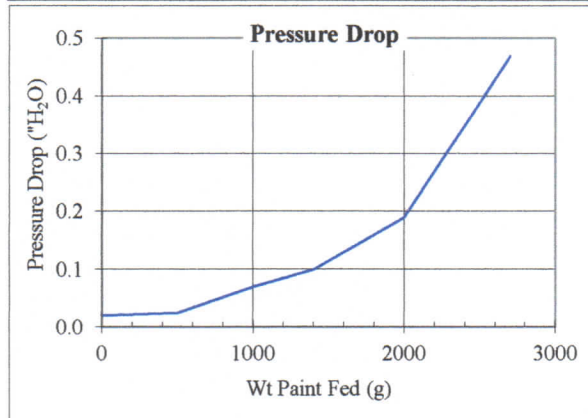
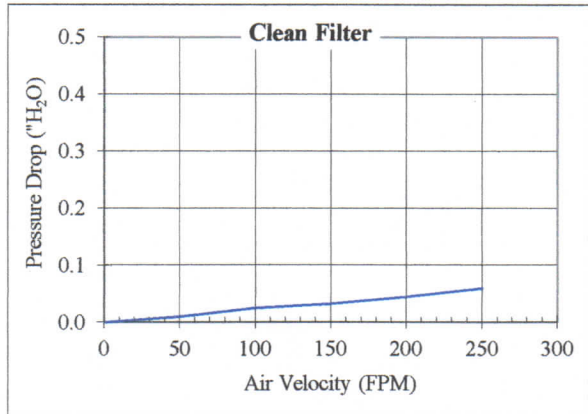
**1344 grams**

**WEIGHT GAIN - FINAL FILTER**

**9.8 grams = PENETRATION**

**AVERAGE REMOVAL EFFICIENCY of TEST FILTER**

**99.60 %**



Test Engineer: P Tuzinski  
 Supervising Engineer: K. C. Kwok, Ph.D.