

SURMAT 100 SF SURFACING VEIL

I. DESCRIPTION

This veil is a very conformable continuous glass fiber surfacing veil comprised of highly uniform, randomly distributed filaments bonded with special formulated resins. The veil provides excellent surface appearance on glass fiber reinforced plastic composite parts and has outstanding resistance properties in many corrosion applications. Independent laboratory testing has proven that Superior Huntingdon Composites veil is especially suitable under acidic conditions.

II. BINDER SYSTEM

Can be produced with any of Superior's binder systems.

III. VISUAL APPEARANCE

This veil is a white in color, highly consistent continuous filament glass fiber mat, supplied in rolls with trimmed edges. Each roll is significantly free of tears, holes, dirt, grease, foreign materials and non-uniform glass clumps or strands.

IV. SPECIFICATIONS

A. IMPERIAL

Mil Thickness Production Range	Roll Width Production Range	Roll Length Production Range	Roll Diameter Production Range	Nominal Binder Production Range
7 Mil (2.6 g/ft ²) to 40 Mil (14.8 g/ft ²)	15" to 76"	450' to 900' Based on Mil Thickness	15" to 24" Based on Mil Thickness	6% to 10% Based on Process Requirements
TOL (+/- 20%)	TOL (+/- .125")	TOL (+/- 200')	TOL (+/- 2")	TOL (+/-2%)

B. METRIC

Mil Thickness Production Range	Roll Width Production Range	Roll Length Production Range	Roll Diameter Production Range	Nominal Binder Production Range
7 Mil (28 gsm) to 40 Mil (159 gsm)	381mm to 1930mm	137m to 249m Based on Mil Thickness	381mm to 610mm Based on Mil Thickness	6% to 10% Based on Process Requirements
TOL (+/- 20%)	TOL (+/- 3.2mm)	TOL (+/- 31m)	TOL (+/- 50mm)	TOL (+/-2%)

*Weight per sq ft is the calculated average for each roll.

** Widths of 6" – 14" available upon request with additional slitting charge.

***Binder percentage of total condensed mat before oven cure.

C. PACKAGING

All mats are wound onto (4") I.D. (10.2cm) heavy duty cardboard cores. Each roll is individually contained within a polyethylene sleeve, placed on a 44" x 45" x 3.5" (11.00cm x 11.25cm x 8.89cm) wooden pallet and stretch wrapped for protection during shipment. Typically there are four to six (4-6) rolls per skid. Material 36-inch (91.4cm) wide or less may be double stacked on a skid.

Optional packaging methods are available. Additional charges may apply.

- A. Three (3) inch I.D. (7.62cm) heavy duty cardboard core.
- B. Cardboard box and skid.
- C. Vacuum packaging for 25% space reduction.
- D. Cardboard box, vinyl band with stretch wrap on skid.
- E. Other methods available upon request.

Each roll is individually marked with product designation, roll number, roll width, roll length and roll weight.

D. STORAGE

For best performance results, it is recommended that SHC products are stored at temperatures between 10° C and 35° C at relative humidity below 85%. SHC Products should remain in the original packaging materials until just prior to use.

E. WARRANTY

See Superior's Terms and Conditions documentation.