



CONFORMAT N751

DESCRIPTION: Conformat N751 is a continuous strand, glass fiber reinforcing mat. N751 is a semi-porous mat most frequently used for structural strength in flat or slightly contoured parts manufactured by Resin Transfer Molding (RTM), Compression Molding and Closed Mold Injection. N751 functions equally well as reinforcement in both Pultrusion and Continuous Lamination processes. With the addition of an optional extra surface veil, N751 provides an outstanding surface finish.

BINDER SYSTEM: Can be produced with any of Superior’s binder systems.

VISUAL APPEARANCE: N751 is white in color, highly consistent and 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.

SPECIFICATIONS: Imperial

Weight per Sq. Ft. Production Range	Roll Width Production Range	Roll Length Production Range	Roll Diameter Production Range	Nominal Binder Production Range
.23 oz. Through 2 oz.	15” to 96” Per Customer Request	200’ to 900’ Based on Ounce Weight	18” to 22” Based on Ounce Weight	6% to 10% Based on Process Requirements
Tolerance (+/- 15%)	Tolerance (+/- .125”)	Tolerance (+/- 50’)	Tolerance (+/- 2”)	Tolerance (+/-2%)

SPECIFICATIONS: Metric

Weight per Sq. Ft. Production Range	Roll Width Production Range	Roll Length Production Range	Roll Diameter Production Range	Nominal Binder Production Range
71g Through 614g	.4m to 2.4m Per Customer Request	200’ to 900’ Based on Ounce Weight	18” to 22” Based on Ounce Weight	6% to 10% Based on Process Requirements
Tolerance (+/- 15%)	Tolerance (+/- 3.2mm)	Tolerance (+/- 15.2m)	Tolerance (+/- 5cm)	Tolerance (+/-2%)

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

** Widths of two inch through fourteen inch available upon request with additional slitting charge.

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

EXTRA SURFACE OPTION: Conformat N751 may be produced with an additional Surmat type veil on one or both surfaces enhancing the surface quality of the material. It has the additional advantage of lowering process costs by reducing the layers of mat material handled during pattern cutting or loading of molds by giving you two products in one. An additional price will apply. The Extra Surface is included in the weight per square foot.

PACKAGING: All mats are wound onto three (3) inch I.D. (7.62cm) heavy-duty cardboard cores. Each roll is individually contained within a polyethylene sleeve while on the production line, placed on a 44” (11cm)X 45”(11.25cm) X 3.5”(88mm) wooden pallet and stretch wrapped for protection during shipment. Typically there are four to five (4-5) 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. Four (4) inch I.D. (10.2cm) heavy-duty cardboard core.
- B. Cardboard box and skid.
- C. Cardboard box, vinyl band with stretch wrap on skid.
- D. Other methods available upon request.

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

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

WARRANTY: See Superior’s Terms & Conditions documentation.