



Superior

COMPOSITES CO., LLC

CONFORMAT N863

DESCRIPTION: Conformat N863 is a continuous strand, glass fiber reinforcing mat. N863 is porous, very conformable and drapeable making it an excellent reinforcing mat for complicated contoured parts manufactured by Resin Transfer Molding (RTM), Compression Molding, Closed Mold Injection, and many other closed molding applications.

BINDER SYSTEM: Can be produced with any of Superior Fibers' binder systems.

VISUAL APPEARANCE: N863 is white in color, highly consistent, and a 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
0.50 oz. Through 2 oz.	15" to 96" Per Customer Request	200' to 450' Based on Ounce Weight	18" to 22" Based on Ounce Weight	5% Based on Process Requirements
Tolerance (+/- 15%)	Tolerance (+/- .125")	Tolerance (+/- 50')	Tolerance (+/- 2")	Tolerance (+/-2%)

SPECIFICATIONS: Metric

Weight per Sq. M. Production Range	Roll Width Production Range	Roll Length Production Range	Roll Diameter Production Range	Nominal Binder Production Range
154g Through 614g	.4m to 2.4m Per Customer Request	61m to 274m Based on Gram Weight	46cm to 56cm Based on Gram Weight	5% Based on Process Requirements
Tolerance (+/- 15%)	Tolerance (+/- 3.2mm)	Tolerance (+/- 15 m.)	Tolerance (+/- 5cm)	Tolerance (+/-2%)

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

** Widths of two inch (50mm) through fourteen inch (350mm) available upon request with additional slitting charge.

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

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 (Euro style as needed) 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 (Euro Style as needed).
- C. Vacuum packaging for 10% 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.

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 and Conditions documentation.