

Conformat® N721 Reinforcing Mat

Description

Conformat® N721 is a continuous strand, glass fiber reinforcing mat. N721 is a semi-porous reinforcing mat developed specifically for pultrusion applications requiring extra pull strength and tear-out resistance while still providing good surface appearance.

Binder System

The system used is Superior Huntingdon Composite's 176A non-soluble polyester binder.

Visual Appearance

N721 is white to ivory in color. It is a highly-consistent, continuous filament, glass fiber mat that is 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 Square Foot Production Range	Roll Width Production Range	Roll Length Production Range	Roll Diameter Production Range	Normal Binder Production Range
0.25 oz. to 1.5 oz.	15" to 80" Per Customer Request	210' to 650' Based on Ounce Weight	18" to 22" Based on Ounce Weight	8% to 11% Based on Process Requirements
Tolerance (+/- 10%)	Tolerance (+/- .125")	Tolerance (+/- 50')	Tolerance (+/- 2")	Tolerance (+/-1.5%)

METRIC

Weight Per Square Meter Production Range	Roll Width Production Range	Roll Length Production Range	Roll Diameter Production Range	Normal Binder Production Range
76 g to 459 g	381 mm to 2032 mm Per Customer Request	64 m to 198 m Based on Gram Weight	457 mm to 559 mm Based on Gram Weight	8% to 11% Based on Process Requirements
Tolerance (+/- 10%)	Tolerance (+/- 3.2 mm)	Tolerance (+/- 15.2 m)	Tolerance (+/- 50 mm)	Tolerance (+/-1.5%)

1. Weight per sq. ft. is the calculated average for each roll.
2. Widths of 2" (50 mm) through 14" (350 mm) available upon request with additional slitting charge.
3. Binder percentage of total condensed mat before oven cure.

Packaging

All mats are wound onto 4" (10.2 cm) I.D. heavy-duty cardboard cores. Each roll is individually contained within a polyethylene sleeve, placed on a 44" (11 cm) x 45" (11.25 cm) x 3.5" (88 mm) wooden pallet (Euro Style as needed) and stretch wrapped for protection during shipment. Typically there are 4-6 rolls per skid. Material 36-inch (91.4 cm) wide or less may be double-stacked on one pallet.

Optional packaging methods are available. Additional charges may apply.

- 3" (7.62 cm) I.D. heavy duty cardboard core
- Cardboard box and skid (Euro Style as needed)
- Vacuum packaging for 10% space reduction.
- Cardboard box, vinyl band with stretch wrap on skid
- 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 a relative humidity below 85%. Conformat should remain in the original packaging materials until just prior to use.

Warranty

See Superior Huntingdon Composite's Terms and Conditions documentation.

