

➤ APPLICATION

N721 is a high-performance gun roving, specifically designed to achieve optimum results in general-purpose polyester resin systems, and suitable for types of spraying equipment.

N721 is reinforcement mainly used for boats, RV parts, tanks, tub/shower units, truck front ends, spas and camper shells.



➤ FEATURES

- Low fuzz, fly and static
- Easy chopping for extended blade life
- Excellent laminate mechanical properties
- Excellent dispersion with virtually no clumping in the spray pattern
- Tight yield control to help assure constant glass delivery
- A wet lay-up that is resistant to roller gouging and movement
- Virtually trouble-free package run-out to minimize spray-up interruptions

➤ USER BENEFITS

- Supplying 100% (in weight) of complete cheeses, without any incomplete cheese.
- Products can be chopped easily with minimal blade and cot wear
- Good laminate properties and wet strength retention
- Minimal roll out and good mould conformity
- Complies with JIS R3412:1999, DIN61855:1987 and BS3691:1990

➤ PRODUCT DESCRIPTION

Property	Testing Method	Description			
Glass Type	ISO 2078 : 1993	E-glass			
Glass Sizing	ISO 2078 : 1993	Silane			
Nominal Size Content (%)	ISO 1887 : 1995	1.2 ± 0.15			
Moisture Content (%)	ISO 3344 : 1997	<0.15			
Roving Yield, nominal ± 5% (yd/lb.)	ISO 1889 : 1997	415	207	160	105
Tex, nominal ± 5% (g/km)	ISO 1889 : 1997	1200	2400	3100	4800
Fiber Diameter, nominal	ISO 1888 : 1996	K			
Micrometers, $\mu\text{m}(\text{in} \times 10^{-5})$	ISO 1888 : 1996	13 (53)			
Flexural Strength of laminate - Dry	ISO 3597 : 1997	289 MPa			
Flexural Modulus of laminate	ISO 3597 : 1997	9.8 GPa			
Glass Content, % Wt. +/-1%	ISO 1172 : 1996	43.9%			

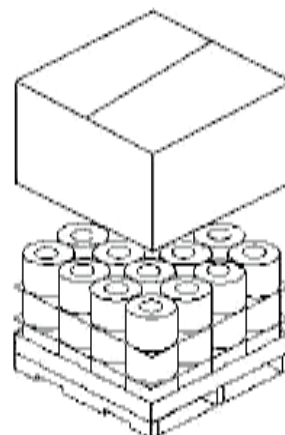
* 24-hour boil in deionized water

➤ **STANDARD PRODUCTS AVAILABLE**

Cheeses for internal unwinding

Characteristics of cheeses			
Nominal Diameter (mm)		Nominal Height (mm)	Weight (kg)
Internal	External		
100	310	260	23 (50.7lbs)

Each consignment will contain 100% (in weight) of complete cheeses, any incomplete cheese will not be packaged.



➤ **INDIVIDUAL AND BULK PACKAGING**

- Individual packaging: Each cheese is packaged in shrink wrap plastic film
- Bulk packaging: Cheeses are palletized and enclosed with a cardboard cover and a stretched film

Cheeses per pallet	Layers per pallet	Cheeses per layer	Pallet dimensions L x W x H (mm)	Net weight Approximate (kg)	Gross weight Approximate (kg)
36	3	12	1270 x 960 x 940	828	858
48	4		1270 x 960 x 1180	1104	1134

➤ **SHIPMENT (Standard ref.)**

20' container (Sea transport)			
Europe and Asia		North America	
Number of pallets (maximum)	Net weight (kgs) (maximum)	Number of pallets (maximum)	Net weight (lbs) (maximum)
20*	19,320	20	42,590

* On two levels : 1 level of pallets with 4 layers and 1 level of pallets with 3 layers.

➤ **STORAGE**

The roving should be stored away from heat and moisture, and in their original packaging. The best conditions are at temperatures between 15°C and 35°C and at a relative humidity between 35% and 85%. If the product is stored at lower temperature (below 15°C), it is advisable to condition the product in the workshop for at least 24 hours before use, to prevent condensation. This product must be used within 12 months of delivery.

The pallets can be stored in 2 levels (1/1). We recommend that the material be used according to FIFO (first in, first out) method.

These data, which are subject to change, are offered solely as a guide in the selection of reinforcement. The information contained in this publication is based on actual laboratory data and field test experience. We believe this information to be reliable, but do not guarantee its applicability to the user's process or assume any liability arising out of its use or performance. Users of our products should make their own tests to determine the suitability of each such product for their particular purposes. Nothing contained in this brochure is to be understood as authorization or recommendation to infringe any patent or violate any law or safety code.

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