

RESIN FEEDER CHANNELS

VACUUM INFUSION

Nexiot Replast
Connection Trust

DESCRIPTION

Nexi Channel is made up of 3D spacer matting wrapped in a thermally bonded non-woven sleeve. The spacer is made from flexible polymer monofilaments. These are pre-formed into a compression-resistant but flexible zig-zag configuration.

FUNCTION

Nexi Channels facilitates quick and constant resin flow, reducing infusion time. **Nexi Channel** can be used in the interior of the laminate without risking a "surface marking", which frequently occurs when using standard infusion spiral.

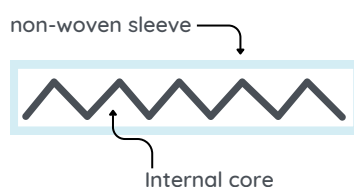
MAIN APPLICATION

Wind Blades, Ship Hulls, Bridges, Storage tanks, Pipe lines.

TECHNICAL DATA SHEET

Material composition

Textile	PP thermally bonded non-woven		
Internal core	flexible polymer		
Free flowing space	> 75 %		
Working temperature	-20 °C to +60 °C no reduction in flexibility or strength		
Melting point	160 °C		
Longitudinal strength (MD)	(EN ISO 10319)	7 kN/m	
Polyester, Epoxy resins	Excellent		



NEXI CHANNEL 450 | NEXI CHANNEL 4100 | NEXI CHANNEL 850 | NEXI CHANNEL 8100

DIMENSIONS

Thickness	(EN ISO 9863-1)	4 mm	4 mm	8 mm	8 mm	±1
Width (composite)		50 mm	100 mm	50 mm	100 mm	±5
Lenght		50 m	50 m	30 mm	30 mm	±0,5

Storage: cool and dry, protect against sunlight, use within 24 months after receipt.

The above technical data represent average values. The technical information and application instructions are based on our current knowledge and expertise. However, it is the responsibility of each user to conduct trials in order to evaluate the suitability of our goods for the intended purpose, taking into consideration all application related parameters. If you have any further questions, please contact us.

Nexiot Replast srl

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