

MULTILOOP

General information

Multiloop is a 3D glass fiber reinforcement with loops of roving on a backing of either glass fiber mat or woven roving or any tissue, according to the thickness required.

Types of Multiloop

1. R .../L..... = Woven Roving backing
2. S .../L..... = Stitched chopped strand mat backing

Methods of use

- ✓ Hand lay-up and Vacuum laminating
- ✓ Injection laminating systems (RTM)
- ✓ Prepregging for continuous laminating
- ✓ Foaming

Advantages

- ✓ It wets out very fast. The loops of roving, once impregnated, are resilient and spring back in a vertical position.
- ✓ It yields low weight composites with high stiffness.
- ✓ Due to its 3D built up it provides excellent anchoring characteristics when used with foams such as phenolics, polyurethanes and epoxys.



Multiloop

End uses

- ✓ Double walled tanks, eventually equipped with a leak detection system.
- ✓ Low-weight panels and pipes with increased thickness and stiffness.
- ✓ Reinforced foam panels, due to the vertical loops of MULTILOOP.
- ✓ Boat hulls of low weight with high stiffness and impact resistance, eventually filled with foam.

Standard Product List

	R420/L500-6	S600/L900-8	S900/L1000
WIDTH (cm)	125	125	125
Woven Roving:			
WARP (g/m ²)	3,6 x 600 TEX		
WEFT (g/m ²)	3,4 x 600 TEX		
MAT (g/m ²)		600	900
LOOPS (g/m ²)	500	900	1000
LOOP HEIGHT	6 mm	8 mm	9 mm
NUMBER OF LOOPS:			
Longitudinal	2,5/cm	2,5/cm	2,5/cm
Transversal	1,6/cm	1,6/cm	1,6/cm
TOTAL WEIGHT (g/m ²)	920	1500	1900

Other weights & combinations available to order.

Without liability.

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