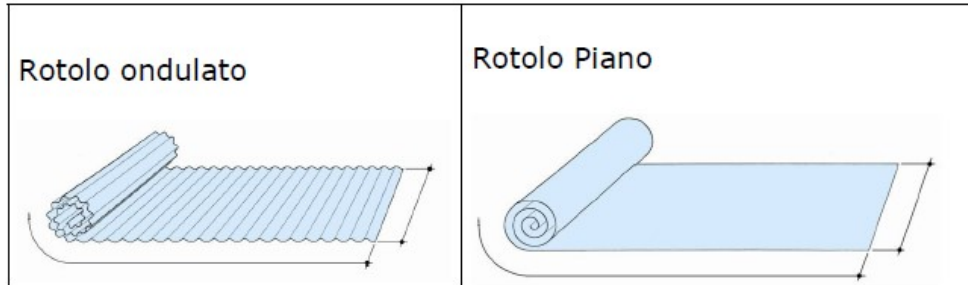


Technical data sheet



GRP Rolls - Vetroplast



Thermoset composite laminates produced by unsaturated polyester resins with roving fiberglass, polymerized by a continuous production process at high temperature. Standard laminates GRP if exposed to the flame they burn but they do not drip down.

HEIGHT	From 0,50 m up to 4,00 m; step 0,25 m
LENGTH	20,00 m – 30,00 m – 40,00 m
WEIGHT (tolerance $\pm 5\%$)	From 0,80 Kg/m ² up to 1,2 Kg/m ²
COLOUR	NEUTRAL, GREEN, YELLOW, BLUE, RED, WHITE

Data features		
Nylon threads distance	~ 10 mm	Internal test
Resin	~ 75%	Internal test
Fibreglass reinforcement	~ 25%	Internal test
Specific weight	~ 1,4 g/cm ³	Internal test
Use temperature range	- 40°C; + 120°C	Internal test
Heat transmission coefficient λ	0,15 W/ m °K	EN 12667:2001
Tensile strength	123,6 N/mm ²	ASTM D-638
Compression strength	129,4 N/mm ²	ASTM D-695
Flexural strength	185 N/mm ²	UNI EN 1013-2
Flexural modulus	~ 6000 N/mm ²	UNI EN ISO 178:2006
Thermal linear expansion coefficient	3,2 x 10 ⁻⁵ °C ⁻¹	ASTM D-696
Fire reaction	F	EN 13501-1

N.B.: All the information herewith given are based on our real experience and in good faith, but is provided only as a guide, without guarantee. Installation and use of the described products are out of our control possibilities and therefore are on user responsibility, who can not get out of checking the material to values its fitness to the required use. Most of data features have been considered to 1,00 mm ca. thickness GRP standard material.

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