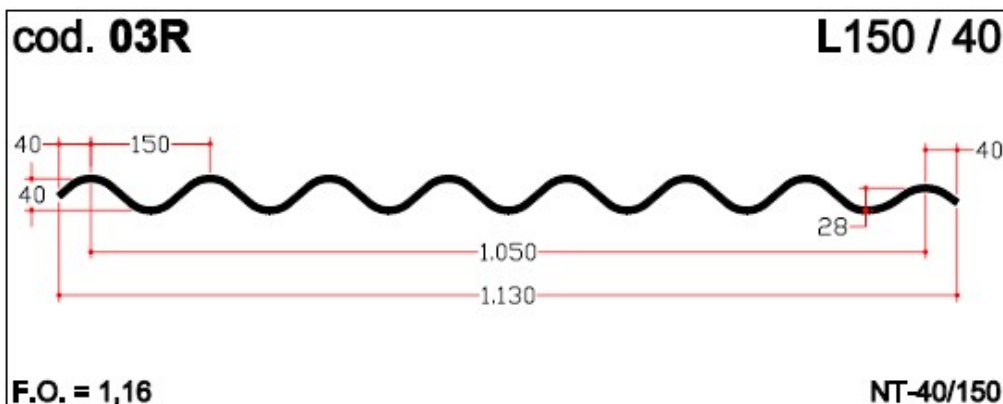


GRP Sheets *FILON*



FILON is over world MagniPlast brand famous for its high quality.

FILON is thermosetting composite laminate protected and light stabilized, flexible and undeformable in the ribbes, able to allow high mechanical performances, minimal thermal expansion and high corrosion resistance to the most chemical agents.

FILON is guaranteed, in its coverage function, by a formal ten-year guarantee on the product's durability and its mechanical properties.

WAVES DISTANCE	~ 150 mm
WAVES HEIGHT	~ 40 mm
COLOUR	Neutral – internal code "00"
WEIGHT (with tolerance $\pm 5\%$)	1,7 Kg/m ²
BRAND & QUALITY	INTERNAL CODE "#A"

General Features		
Nylon Threads distance	10 mm	Internal test
Resin	~ 73%	Internal test
Fiberglass Reinforcement	~ 27%	Internal test
Use Temperature Range	- 40°C; + 140°C	Internal test
Thermal Conductivity 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	$3,2 \times 10^{-5} \text{ }^{\circ}\text{C}^{-1}$	ASTM D-696
Barcol hardness	~ 45	internal test
Dripping	Don't drip down	Internal test
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 neutral and standard material.