

Advantages and benefits of its use

Thermal-acoustic insulation

Due to its closed micro cellular composition, it prevents the transmission of heat and external noises through its cells.

Humidity resistance

-The capacity of Poliestireno Alfa-Gamma^{MR} to resist humidity has been proved when it has been used in piers and fishing floats.
 -The polystyrene does not distort or get damage because it doesn't absorb humidity.

Easy operation and fast installation

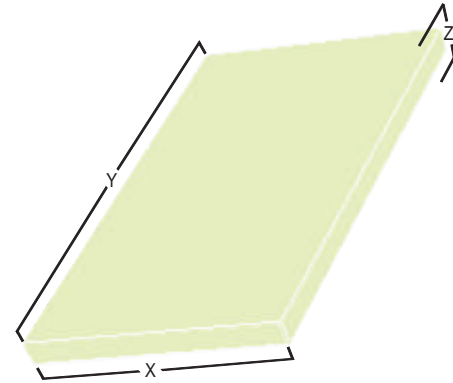
-The lightness and easy installation of the Sheet Alfaterm^{MR} allows its use as thermal and acoustic insulator in walls and slabs, even as thermal insulator in refrigerated rooms at temperatures of -40°C and in conditions where the temperature exceeds 80°C.

-The versatility of the Half rod Alfaterm^{MR} allows its use as thermal insulator in pipes of any kind of fluids.

-Its widely in the construction industry, restaurants and sport clubs that need to maintain an optimum level of interior temperature of the rooms and pipes.

Most common measurements

Units in mts.



X	Y
1,22	1,22
1,22	2,44

Most common thickness

Z
1/2"
1"
1 1/2"
2"

Most common density

Kg /m³

10L	12L	16L
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Technical specification / Sheet

Density Kg/m ³	Resistance to the compression with distortion of 10%	Resistance to the flexion	Water absorption by total immersion	Flotation strenght	Thermal resistance per inches of thickness
10 L	25 Kpa	2.5 Ton/m ²	70 Kpa	4%	961 Kg/m ³ 3,0 °F ft ² /BTU 0,66 m ² K/W
12 L	35 Kpa	3.6 Ton/m ²	70 Kpa	4%	961 Kg/m ³ 3,3 °F ft ² /BTU 0,68 m ² K/W
16 L	69 Kpa	7.0 Ton/m ²	173 Kpa	4%	961 Kg/m ³ 4,0 °F ft ² /BTU 0,74 m ² K/W
20 L	90 Kpa	9.2 Ton/m ²	208 Kpa	3%	961 Kg/m ³ 4,2 °F ft ² /BTU 0,74 m ² K/W
24 L	104 Kpa	10.6 Ton/m ²	276 Kpa	3%	961 Kg/m ³ 4,2 °F ft ² /BTU 0,76 m ² K/W
32 L	173 Kpa	17.6 Ton/m ²	345 Kpa	3%	961 Kg/m ³ 4,6 °F ft ² /BTU 0,79 m ² K/W

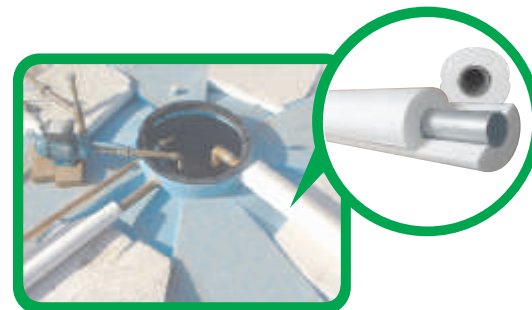
English System International System

Half rod



Main uses:

Its used as thermal insulator in water, gas, and other type of fluids pipes.



Specifications:

Length: 1,22 mts.
 Thickness: Variable
 Density: 16 L



Technical advice
 Type or services:

- a).- Structural plans
- b).- Sketch
- c).- Fast specifications of quantification of materials.
- d).- Memories of calculus.
- e).- Telephone customer service

PLANTS

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