

MAAD RF LIGHT PREMIUM



Descripton

Black closed-cell flexible elastomeric foam (FEF) coupled with layer of foam in PE and an exterior embossed finishing PE film. CFC, HCFC free, Antimicrobial behaviour

Extremely flexible and lightweight Thermal insulation,

They are protected by an external PE coating with an black embossed, scratch-resistant film, guaranteeing excellent mechanical resistance.

Automotive applications, refrigeration, air-conditioning and heating.

Application



TECHNICAL PARAMETERS:

| | | |
|---|-----------------------|------------------------------------|
| Density | | 40 kg/m ³ + 3mm (layer) |
| Operating temperature range: | EN 14706 | -45 °C +110 °C |
| Thermal conductivity λ: At a mean temperature of + 40 °C | EN 12667 | ≤0.038 W/m·K |
| Thermal conductivity λ: At a mean temperature of 0 °C | EN 12667 | ≤0.034 W/m·K |
| UV resistance | UNI ISO 4892-2 | Good |
| Water absorption: | EN 13472/EN 1609 | < 0,1 kg/m ² |
| Fire performance | FMVSS 302 | ECE 118 |
| Ozone resistance | ISO 7326 | Excellent |
| Water vapour diffusion resistance factor (μ): | EN 13469/ EN 12086 | ≥10000 |
| Corrosion risk: | EN 13468 | Meets test requirements |

STANDARD DIMENSIONS OF THE MATERIAL:

| THICKNESS [mm] | DIMENSIONS OF THE SHEET * [mm] |
|----------------|--------------------------------|
| 3,0 – 100,0 | 2000 x 1000 |

There is a possibility of cutting to size in accordance with your specifications or drawing.

*Other thicknesses / dimensions available on customer's request. There is the possibility to order the material in the roll. Effective dimensions guaranteed as ordered.

TECHNICAL DATA SHEET

OPTIONS***:

| | |
|--------------------------------|--|
| Maad RF LIGHT PREMIUM | without a self-adhesive layer |
| Maad RF RF LIGHT PREMIUM, SK-M | with a self-adhesive with a mesh layer |

*** Other composites available on customer's request.

In the case of material with a self-adhesive layer, storage at a temperature of +15 to +30 °C

ADDITIONAL TECHNICAL PARAMETERS:

Storage conditions/shelf life:

Store the material in a dry and clean environment at a temperature between 0 °C and 35 °C and a RH between 50% and 70%. Do not expose the material to heat or direct sunlight before installing. Tapes and self-adhesive sheets should not be kept in storage for more than one year.

For all adhesive materials it is important that the surface is clean, dry and free of grease, oil and solvents.

All specifications are mean values and are made to the best of one's knowledge, are however not binding and exclude any requirements of any kind regarding damages or failures to third-party property rights. Tests should be carried out by the buyer.

In the case of material with a self-adhesive layer, storage at a temperature of +15 to +30 °C

| Thickness [mm] | 6 | 10 | 13 | 16 | 19 | 25 | 32 |
|--|-------|-------|-------|-------|-------|-------|-------|
| Thermal resistance: 0°C [m²K/W] 40°C | 0.176 | 0.294 | 0.382 | 0.471 | 0.559 | 0.735 | 0.941 |
| | 0.158 | 0.263 | 0.342 | 0.421 | 0.500 | 0.658 | 0.842 |