



**Maad RF Light Premium**

<b>Density:</b>	40 kg/m <sup>3</sup>
<b>Thickness:</b>	3 – 100mm
<b>Width:</b>	1000-1500mm

**Type of material:**

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.

**Product range:**

Sheets in rolls (also available in self-adhesive version) with thicknesses from 3 to 100 mm.

**Fields of application:**

**Extremely flexible and lightweight Thermal insulation,** They are protected by an external PE coating with a black embossed, scratch-resistant film, guaranteeing excellent mechanical resistance.

Automotive applications, refrigeration, air-conditioning and heating.

**Dimensional tolerance:**

In accordance with the European Standard EN 14304.

**Environmental information:**

Flexible and expanded CFC and HCFC-free rubber foam. It does not damage the ozone layer (ODP zero) and does not contribute to the greenhouse effect (GWP zero).

### Technical Data

Properties	Result	Test Method
Operating temperature range:	-45 °C +110 °C	EN 14706
Thermal conductivity λ: At a mean temperature of 0 °C:	≤0.034 W/m·K	EN 12667
At a mean temperature of + 40 °C	≤0.038 W/m·K	
Water vapour diffusion resistance factor (μ):	≥10000	EN 13469/EN 12086
Water absorption:	< 0,1 kg/m <sup>2</sup>	EN 13472/EN 1609
<b>Fire performance:</b>	<b>ECE 118</b>	<b>FMVSS 302</b>
European standard	E	EN 13501 -1
Ozone resistance:	Excellent	ISO 7326
UV resistance:	Good	UNI ISO 4892-2
Corrosion risk:	Meets test requirements	EN 13468

### 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 [m <sup>2</sup> K/W]	0.176	0.294	0.382	0.471	0.559	0.735	0.941
40°C	0.158	0.263	0.342	0.421	0.500	0.658	0.842