

# MAAD RF LIGHT



### Description

Black closed-cell flexible elastomeric foam (FEF) covered with aluminum. CFC, HCFC free, Antimicrobial behaviour. Extremely flexible and lightweight Thermal insulation, refrigeration, air-conditioning and heating & plumbing services in commercial, industrial and domestic applications.

### Application



### TECHNICAL PARAMETERS:

Density		39 kg/m <sup>3</sup> + 50 µm (layer)
Operating temperature range:	EN 14706/EN 14707	-45 °C +110 °C
Thermal conductivity λ: At a mean temperature of + 40 °C	EN 12667/EN ISO 8497	≤0.038 W/m·K
Thermal conductivity λ: At a mean temperature of 0 °C	EN 12667/EN ISO 8497	≤0.034 W/m·K
Fire performance European standard	EN 13501 - 1	Sheets D-s3,d0
UV resistance	UNI ISO 4892-2	Good
Water vapour diffusion resistance factor (µ):	EN 13469/EN 12086	≥7000
Water vapour permeability:	BS4370:Part 2	0.07 µgm/Nh
Water absorption:	EN 13472/EN 1609	< 0,1 kg/m <sup>2</sup>
Ozone resistance	ISO 7326	Excellent
Antimicrobial behaviour:	AATCC test method 30-2004	Meets test requirements
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.

### OPTIONS\*\*\*:

Maad RF LIGHT	without a self-adhesive layer
Maad RF LIGHT, 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.