



**Maad RF Rail Tech ALU**

**Density:** 60 kg/m<sup>3</sup> + 50 µm ( layer )

**Thickness:** 3 – 100mm

**Width:** 1000mm

**Type of material:**

Black closed-cell flexible elastomeric foam (FEF) without halogens (Chlorine, Bromine, Fluorine) and PCV covered with aluminium foil. CFC, HCFC free Antimicrobial behavior.

**Product range:**

Flat sheets or rolls (also in a self-adhesive version) with thicknesses from 3 to 100 mm.

Tubes in pipe sections and coils (also in a self-adhesive version) with thicknesses from 6 to 60 mm and diameters from 6 to 160 mm.

**Fields of application:**

**Thermal insulation of railway application**, air-conditioning services in train, industrial and domestic applications. Especially suitable for rail and civil applications where high safety standard exist in case of fire.

**Dimensional tolerance:**

In accordance with the European Standard EN 14304.

**Environmental information:**

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

### Technical Data

Properties	Result	Test Method
Operating temperature range:	-45 °C +130 °C	EN 14706/EN 14707
Thermal conductivity λ: At a mean temperature of + 40 °C	≤0.040 W/m·K	EN 12667/EN ISO 8497
Water vapour diffusion resistance factor (µ):	≥2000	EN 13469/EN 12086
Water absorption:	< 0,1 kg/m <sup>2</sup>	EN 13472/EN 1609
Fire performance:	<b>HL 1 HL 2 HL 3</b>	EN 45545

European standard	Sheets D-s3,d0	EN 13501 -1
Antimicrobial behaviour:	Meets test requirements	AATCC test method 30-2004
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.