

General

Raw Material	PE
Material	Foam
Foam Type	Cross-linked, single-layer construction
Color	Grey
Cell Structure	Closed-cell
Hardness	45 Shore 00
Density	30 kg/m ³
Density Range and Standard	26 to 34 kg/m ³ (DIN EN ISO 845)

Material Options

Adhesive Options	One side, two sides, none
Sheet Dimensions	2000x1000mm
UV Resistance	Good
Ozone Resistance	Good
Sealing Type	Flat/Parallel

Technical Properties

Temperature	-40°C to +90°C, briefly +100°C
FMVSS302	Conforms
Shrinkage 22h, 70°C	< 5%
Lambda	0,037 W/mk
Water Absorption	< 1% (DIN 53428)
Force for 10% compression	35 kPa
Force for 25% compression	55 kPa (40 - 80 kPa, DIN EN ISO 844)
Force for 50% Compression	130 kPa (80 - 160 kPa, DIN EN ISO 844)
Compression set: 25%, 22 h, 23 °C: after 30 min	< 15% (DIN EN ISO 1856)
Compression Set: 25%, 22h, 23°C: after 24 hours	< 15% (DIN EN ISO 1856)
Tensile Strength	220 kPa (> 175 kPa, DIN EN ISO 1798)
Elongation at Break	140% (> 120%, DIN EN ISO 1798)
Maximum Compression Percentage	50%