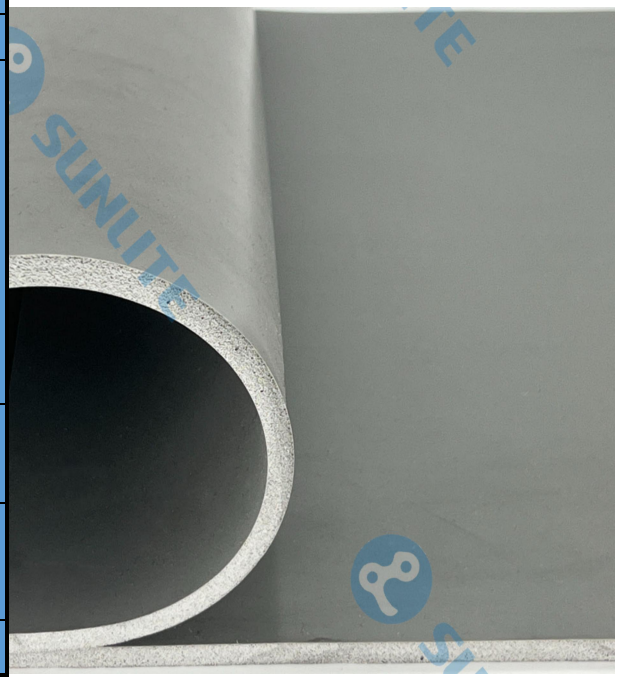
SUNLITE

Product Number：SL072001

Product Name	Vibration damping mats for floors

Primary material	customisation
Specifications	Customised services
Performance indicators	Extreme Temperature Stability: Maintains elasticity without fracture at -55°C; exhibits no hardening during prolonged use at 200°C; performance degradation <5% after thermal ageing. Intrinsic Fire Safety: Certified to EN45545-2 HL3 (highest fire rating for rail vehicles); smoke toxicity emissions 50% below standard limits. Permanent Sealing Assurance: Permanent compression set <1% (ISO 1856 tested), with >99% deformation recovery after 100,000 dynamic compression cycles Environmental compliance certification: Meets TB/T 3139 (China's rail vehicle material environmental standard) and EU REACH regulations Lightweight structural advantages: Ultra-low density of 330kg/m³ reduces equipment load, achieving 40% weight reduction compared to EPDM materials
Product Features	Fire-resistant and deformation-resistant, Stability across an ultra-wide temperature range, Environmentally compliant, Lightweight design
Fields of application	Rail transit, aerospace, new energy batteries, industrial equipment, specialised sealing applications, and other fields
Customised Services	Dimensions, materials and colours can be customised to meet customer requirements.



The contents of this product information sheet are for reference only. For detailed information, please consult our customer service team. The company reserves the right to modify this technical information without prior notice or consultation.

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