

**MS 200**
**Technical Data / Technische Daten**
**Description**

MS 200 is a mixed cell silicone foam for industrial applications.

**Applications**

- Non-flammable comfortable cushions for trains;
- Thermal insulation for vehicles;
- Noise, vibration and fire resistant gaskets;
- Self-adhesive gaskets for airplanes, trains and motor vehicles;
- Vibration dampening in airplanes, trains and motor vehicles;
- Insulation and vibration pads for telecom industry;
- Carpet underlay for mass transportation;
- Non-flammable gaskets for electro cabinets;
- Seals and gaskets for food industry.

**Advantages**

- Exceptional fire resistance;
- Compounded with FDA and Bfr listed raw materials;
- Very low smoke and toxic emissions;
- Excellent vibration damping;
- Very good noise protection.

**Supply form/ Lieferform**

Roll size (standard)/ Rollengröße (Standard):

Thickness/Dicke	Width/ Breite	Length/ Länge	Color/ Farben
1,5mm – 12mm	1300mm	10m	White and Grey/ Weiß und Grau
>12mm – 15mm	1000mm	5m	
Special sizes are available upon request./ Sondergrößen auf Anfrage erhältlich.			

**Beschreibung**

MS 200 ist ein mischzelliger Silikonschaum für industrielle Anwendungen.

**Anwendungen**

- Nicht brennbare komfortable Sitzpolster für Bahn und U-Bahn;
- Thermische Isolierung von Fahrzeugen;
- Schall, Vibrations- und brandsichere Dichtungen;
- Selbstklebende Dichtungen für Flugzeuge, Schienenfahrzeug und Kraftfahrzeuge;
- Dämpfung von Vibrationen in Flugzeugen, Schienenfahrzeugen und Kraftfahrzeugen;
- Isolierungen und Dämpfungsmatten für Mobilfunkindustrie;
- Nicht brennbare Dichtungen für Elektroschaltschränke;
- Dichtungen für die Lebensmittelindustrie.

**Vorzüge**

- hervorragend brandbeständig;
- formuliert mit FDA und Bfr konformen Rohstoffen;
- sehr geringe Rauchdichte und Toxizität der Verbrennungsgase;
- exzellente Dämpfungseigenschaften;
- sehr guter Schallschutz.

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Properties/ Eigenschaften	Typical Values/ Typische Werte	Test Methods/ Prüfverfahren
Polymer Type / Polymerbasis	VMQ	ISO 1629
Density / Dichte	250 kg/m <sup>3</sup>	ASTM D 1056
Hardness / Härte	40 Shore 00 5 Shore A	ASTM D 2240
Tensile Strength / Zugfestigkeit	250 kPa	DIN ISO 1798
Elongation / Reißdehnung	100 %	DIN ISO 1798
Compression Set / Druckverformungsrest 50 % / 22 h / 70°C 50 % / 22 h / 100°C	2 % 10 %	ASTM D 1056 (min. 10 mm)
Temperature Range / Thermische Stabilität	-55°C up to / bis +200°C	
Thermal Conductivity / Wärmeleitfähigkeit	0,058 W/mK	DIN ISO 8894.1
Toxic fumes / Toxische Gase; R-value Index	0,46	BS 6853:1999; clause B.4.2.
Oxygen index / Sauerstoffindex	30,4 %	BS 4589-2:1996
Optical Density / Optische Dichte; A <sub>0</sub> *	0,012 g/m <sup>2</sup>	BS 6853:1999; clause D.8.3.
Flame Resistance / Flammverhalten	Non-flammable, Non-toxic / Nicht brennbar, nicht toxisch gasend	FAR 25.853 (12 sec,60 sec) ATS 1.000

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