

MVQ 90 / 80-06-V9001

90 ShA / peroxide crosslinked / FDA compliant / light

- Methyl vinyl silicone rubber
- Standard material
- Excellent heat resistance and extreme cold resistance.
- Very good resistance to oxygen, ozone, UV rays and weather conditions.
- Very good electrical insulation properties, physiologically sound.

Property	Value	Unit	DIN Standard
Hardness	90 ±5	Shore A	DIN ISO 7619-1
Density	1,49 ± 0,02	g/cm ³	DIN EN ISO 1183-1
Tensile strength at 100% elongation	--	N/mm ²	DIN 53504
Elongation at break	115	%	DIN 53504
Tensile strength	7	N/mm ²	DIN 53504
Compression set 150°C/24h	18	%	DIN ISO 815-1 B
Rebound resilience	55	%	DIN ISO 53512
Tear resistance	1,5	N/mm	DIN ISO 34-1 A
Tear resistance	14,9	N/mm	DIN ISO 34-1 B
max. operating temperature	150	°C	constantly
max. operating temperature short	200	°C	couple of hours

FDA confirmation

We hereby confirm that the above quality complies with the following guidelines and regulations:

BfR Recommendation XV. Silicones

FDA CFR 21 § 177.2600 and FDA CFR 21 § 178.3297 compliant

The above information does not imply that the finished product basically complies with all the above-mentioned regulations. The manufacturer of the final product is responsible for checking compliance with the above-mentioned regulations.

All above stated data result from random tests which were taken from the ongoing production. All data were established based on standard test-specimen according to ISO, DIN and ASTM standards and can basically not be carried over to the construction element.

Our applied technical advice, either oral, written or through tests is given according to our best knowledge. However, this information is to be considered as non-obligatory instruction, also in terms of any protective rights of a third party, and does not exempt you from testing our product in reference to its suitability for the intended process and purpose. Utilisation, application and processing of the products occur entirely outside of our control and are therefore exclusively your responsibility. However, should a case of liability come into question, it will be limited to all damages in the value of the product which we delivered and you used. By all means, we do warrant the impeccable quality of our products in accordance with our general sales and delivery conditions.