

Gaskets of closed-cell **silicone foam**  
thin skinned all around

Composition

Basic polymer	:	- MVQ/ VMQ Commercial name, silicone
Chemical designation	:	- <b>Methylvinylpolysiloxane</b> which is continuously extruded and vulcanised
Vulcanising agent	:	- peroxidically vulcanised
Colour	:	- depends on the type of recipe, standard colours red, white

Properties

Density according to DIN 53479 A	:	- between 0.25 and 0.8 g/cm <sup>3</sup> depending on recipe standard 0.4 g/cm <sup>3</sup>
Mechanical behaviour	:	- good elongation at tear and resistance to tearing
Dimensional tolerances	:	- +/- 10 %
Resistance to temperature:		- under static load and corresponding balance of recipe, the limits of utilisation are between approximately -60 °C and +200 °C - these values may be exceeded for short periods - Special qualities +300 °C available
Resistance to ageing		
Ozone, weather	:	- excellent
Tropical climate, UV radiation	:	- excellent

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Resistance to vapour	:	- 1.5 - 2 atmospheres above atmospheric pressure in the short term
Flexibility at low temperatures	:	- excellent
Storage lifetime	:	- over ten years under normal conditions, that is, at normal room temperature of approximately 20 °C
Resistance to chemical agents	:	- good in general, resistance towards water, salt water, acids. - does not resist motor fuels
Behaviour in fire	:	- normally inflammable, non dripping, fire classification DIN 4102, Part 1 B2

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The indications contained in this structural material description only relate to the described gaskets. They may lose their validity when used together with other materials or when submitted to treatment procedures. These statements reflect our knowledge and experience at the indicated date, to the best of our knowledge. We cannot, however, guarantee for complete lack of errors or completeness. The user himself must make sure that the properties required by his application are observed.