

- IATF16949
- ISO9001
- ISO13485
- ISO14001
- ISO50001
- IIP (Investors in People)

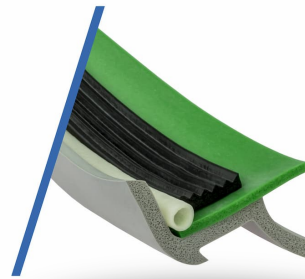
INDUSTRIES AND APPLICATIONS



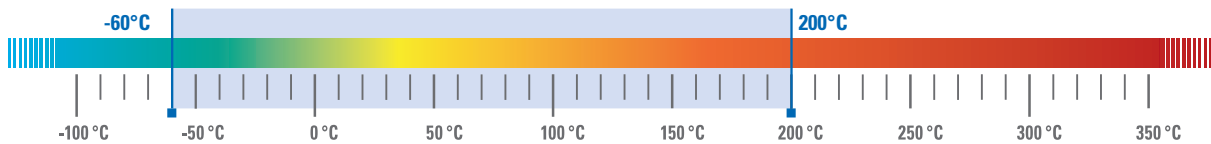
Silicone VMQ S030 - S080

Key properties

- Closed-cell structural foam
- Temperature range -60 °C - 200 °C
- Resistant to UV and ozone (resistant to radiation and non-aging)
- Very good fire resistance
- No toxic combustion gases
- Free of plasticiser
- Can be coloured as required



Application temperature



Material Qualities

Property	Standard	S030	S040	S050	S060	S070	S080
Hardness [Shore A]	DIN 53505 DIN EN ISO 868	~ 8	~ 8-15	~ 15	~ 20	~ 25	~ 30
Density [g/cm³]	DIN 53479 ISO/R 1183	0.3±0.1	0.4±0.1	0.5±0.1	0.6±0.1	0.7±0.1	0.8±0.1
Elongation @ Break [%]	DIN 53504 ISO/DIS 37	150	150	200	200	250	250
Compression Set [%]	DIN ISO 815 (22h/175°C)	50	40	40	40	35	35
Burning behaviour [class]	UL94	HB self-classification	HB self-classification	HB self-classification	HB self-classification	HB self-classification	HB self-classification

(Continued on the next page)

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Certified management system by:

- IATF16949
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TECHNICAL DATASHEET

INDUSTRIES AND APPLICATIONS

**Silicone VMQ S030 - S080****Material Qualities****Silicone VMQ S030 - S080**

Property	Standard	S030	S040	S050	S060	S070	S080
Thermal Conductivity [W/(m K)]		0.08	0.1	0.12	0.13	0.15	0.18
Operation Temperature [°C]		-60 / +200	-60 / +200	-60 / +200	-60 / +200	-60 / +200	-60 / +200
Colour		Light or coloured	Light or coloured	Light or coloured	Light or coloured	Light or coloured	Light or coloured