

- IATF16949
- ISO9001
- ISO13485
- ISO14001
- ISO50001

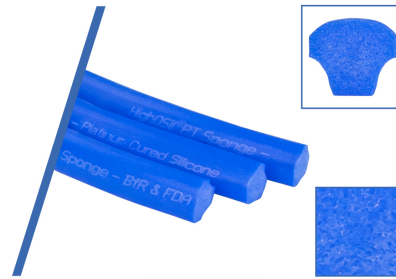
INDUSTRIES AND APPLICATIONS



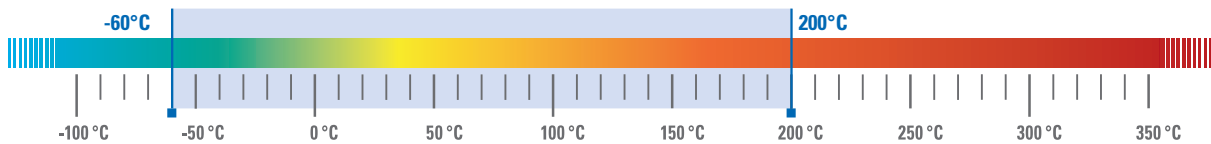
HighQSil® PT Sponge

Key properties

- Addition-cured
- Cellular integral skin foam
- Very good mechanical properties
- Temperature application range -60°C - 200°C
- Very good UV and ozone resistance (radiation and aging resistant)
- Very good flame retardancy
- No toxic combustion gases
- Plasticizer free
- Food grade
- In many settings, the material complies with, among others, recommendation XV BfR, FDA CFR 21 §177.2600



Application temperature



Product description

Extension of our HighQSil® range - BfR/FDA foam quality

Material properties

Property	Standard	Result
Density [g/cm³]	DIN 53479 ISO/R 1183	0,50 ± 0,10
Elongation @ Break [%]	DIN 53504 ISO/DIS 37 [6,0 mm]	>600
Compression Set [%]	ASTM 1056-20 (22h/100°C)	4
Burning behaviour [class]	UL 94	HB

(Continued on the next page)

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Certified management system by:

- IATF16949
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TECHNICAL DATASHEET

INDUSTRIES AND APPLICATIONS

**HighQSil® PT Sponge****Material properties**

Property	Standard	Result
Thermal Conductivity [W/(m K)]		0,12
Operation Temperature [°C]		-60/+200
Colour		acc. RAL-Card