

# FFKM 70 / 80-18-70005

70 ShA / peroxide crosslinked / black

- Perfluoropolyether modified silicones
- Standard material
- Excellent resistance to very high temperatures and chemicals.
- High stability against inorganic acids, alkalis, ketones, esters, alcohols, fuels and hot water.
- Reliability for static and dynamic applications, very low permeability.

Property	Value	Unit	ASTM Standard
Hardness	70 ±5	Shore A	ASTM D2240
Density	1,83	g/cm <sup>3</sup>	ASTM D792
Tensile strength at 100% elongation	–	N/mm <sup>2</sup>	–
Elongation at break	230	%	ASTM D412
Tensile strength	9,0	N/mm <sup>2</sup>	ASTM D412
Compression set 200°C/70h	26	%	ASTM D395
Rebound resilience	–	%	–
Tear resistance	12	kN/m	ASTM D624
min. operating temperature	-50	°C	constantly
max. operating temperature	+150-160	°C	constantly

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.

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