

# FFKM 65 / 80-18-65000

65 ShA / black

- Perfluoroelastomer; tetrafluoroethylene, perfluorovinyl ether copolymer
- 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	DIN Standard
Hardness	65 ±5	Shore A	ASTM D2240
Density	1,95	g/cm <sup>3</sup>	ASTM D297
Tensile strength at 100% elongation	3,7	N/mm <sup>2</sup>	ASTM D1414
Tensile strength at 50% elongation	1,2	N/mm <sup>2</sup>	ASTM D1414
Elongation at break	150	%	ASTM D1414
Tensile strength	7,2	N/mm <sup>2</sup>	ASTM D1414
Compression set 200°C/70h	30	%	ASTM D395
min. operating temperature	-30	°C	constantly
max. operating temperature	+230	°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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