



## C. OTTO GEHRCKENS. DICHTUNGSTECHNIK

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### Datasheet

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COG-No.	Vi 575
Basic elastomere	Fluorinated rubber (FPM)
Colour	black
Case hardening temperature	from -15 °C to +200 °C
License / Certificate	for oxigen fittings, max. application until to 150 °C & 30 bar BAM license

### Typical properties

Properties	Unit	Value	Testing methods
Hardness	Shore A	80 ± 5	DIN 53 505
	°IRHD, CM	80 +3/-8	DIN ISO 48
Tensile strength	MPa	12	DIN 53 504
Ultimate elongation	%	215	DIN 53 504
Tear strength	N/mm	4,7	DIN 53 507 B
Compression set (22 h / 200 °C)	%	< 30	DIN 53 517

### Fluorinated rubber ( FPM )

Outstanding resistance to mineral oils, aliphatic and aromatic hydrocarbons, as well as chlorinated hydrocarbons, concentrated and diluted acids, also weak alkalis. Excellent resistance to high temperatures (up to +200° C) and good mechanical attributes and an exceptionally good ageing resistance put FPM rubber on a higher level compared to other synthetic rubbers

The mentioned values are average values and result from a limited number of laboratory tests. These tests were performed on standard test specimens and may therefore vary significantly from the values that were determined by means of tests performed on finished parts. On the basis of his own tests, the purchaser must ensure that the product is suitable for the intended application purpose.

Our recommendations are provided according to the best of our knowledge. However, they are not binding and exclude any form of liability for any kind of damage.