

Characteristics and features

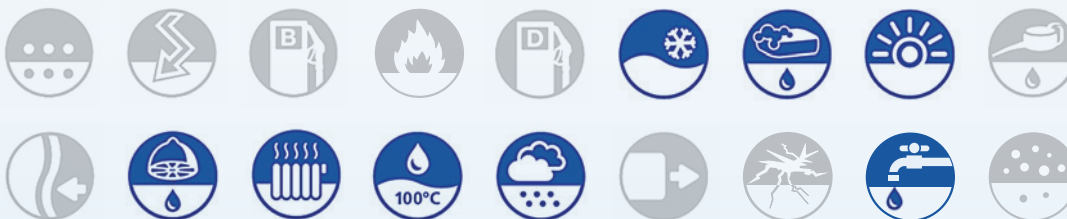
- EPDM material, peroxide cured
- very hard material for drinking water applications
- KTW certification for hot and cold water applications
- PAK content in accordance with ZEK 01.2-08 Cat.2

Technical data sheet

Polymer		DIN ISO 1629	EPDM
Colour			black
Temperature resistance	[°C]		-50°C - +130°C
Shore hardness	[ShA]	DIN 53 505 / ISO 7619	90 ± 5
Density	[g/cm ³]	DIN EN ISO 1183 / ISO 2781	1,23 ± 0,02
Tensile strength	[N/mm ²]	DIN 53 504 / ISO 37	approx. 9,0
Elongation at break	[%]	DIN 53 504 / ISO 37	approx. 150
Compression set *	[%]	DIN 53 517 / ISO 815	approx. 9,0
Ozone resistance **		ISO 1431-1	ozone resistant
Spec. volume resistance		DIN IEC 60093	conducting

* 24 h / 70 °C; ** 50 pphm, 40°C, 72 h, 20% Elongation

Resistance



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Important information:

The listed test values and data are based on results of many years of development, tests and proving. A characteristics warranty and guaranteed function can't be derived from the information given. It is within the user's responsibility to test the selection of material in a specific application to ascertain his intended operational capability. Technical changes within the product development are subject to change.