

NBR

P 518

- Ⓢ NBR, black – specification
- Ⓢ DIN 3535-1 (1991), H2 –15/+80 °C, DIN-DVGW NG 5111 AQ 1566 – i.e. gaskets for gas supply as well as for gas fittings in in-house installations
- Ⓢ DIN-EN 549 (1995), DIN-DVGW NG 5112 AQ 1255
- Ⓢ DIN 3535-3 (1986) Typ F, H4, –5/+50 °C, DIN-DVGW NG 5113 AQ 7114 – i.e. sealing material for gas and liquid hydrocarbons
- Ⓢ benzine resistant (also suitable for unleaded fuel): 7 days (168h), 22°C, test fuel 2 (DIN 3535-3:1986), max. 30 % volume swell
- Ⓢ packaging see General Information

Hardness [Shore A]:	80 ±5
Density [g/cm ³]:	approx. 1.35
Tensile strength [N/mm ²]:	13
Elongation at break [%]:	180
Ozone resistance:	moderately resistant
Weather resistance:	non resistant
Oil resistance:	good resistant
Benzine resistance:	resistant
Acid resistance:	resistant
Strong bases:	resistant
Abrasion resistance:	suitable

WORKING TEMPERATURE RANGE

Medium	dyn. (stat.)	max.	short-term
Air	(–15) °C	+80 °C	+110 °C

COMPRESSION SET DIN ISO 815

Duration	Temperature	CS
168 h	100 °C	40 %

AGEING DIN 53508

Conditions	Hardness	Strength	Elongation
168 h/70 °C	±6 Shore A	±15 %	±30 %

SWELLING DIN 53521

Medium	Conditions	Hardness	Volume
ASTM Oil 2	70 h/100 °C	+ 5 Shore A	–5 %
Fuel 2	168 h/22 °C	– 20 Shore A	+30 %

ROTA-CURED-SHEETS

Article-number	Thickness mm	Width m	Length m	Surface	No. of insert.
4011 18100	1.0	1.4	20	S S	0
4011 18200	2.0	1.4	20	S S	0
4011 18250	2.5	1.4	10	S S	0
4011 18300	3.0	1.4	10	S S	0
4011 18400	4.0	1.4	10	S S	0
4011 18500	5.0	1.4	10	S S	0
4011 18600	6.0	1.4	10	S S	0

S = smooth

Please Note:

This catalogue has been carefully compiled to advise you, our customer, in the best possible way. The information, figures, test values and data correspond to actual engineering standards and are the result of many years of tests and trials. As individual operation conditions influence the application of each product, the information supplied in this catalogue can only be seen as a rough guideline. In every case it is the sole responsibility of the customer to evaluate his individual requirements, in particular whether specified properties of our products are sufficient for the intended use. If there is any doubt (e.g. chemical resistance), do not hesitate to contact our qualified engineers. The use of our products is at the user's own risk. We do not have any influence concerning the application and individual usage. We do of course guarantee the quality of our products according to our general sales conditions, available on request.

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Subject to alteration without prior notice – All mentioned properties contained in this catalogue are guiding values representing longterm experience average.

Semperit Technische Produkte Gesellschaft m.b.H. & Co KG
 A-2632 Wimpassing, Triester Bundesstraße 26
 Telefon +43 2630 310-0*, Telefax +43 2630 310 320
 E-Mail: semperflex@semperit.at, Internet: www.semperit.at

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