

# Technical datasheet

## NBR Gas P518 (Semperit)

| Basic information    | Specification  |
|----------------------|--|
| Basic elastomer      | NBR  |
| Fabric ply           | without ply  |
| Description/features | Original Semperit quality (P518), high-grade Perbunan quality with gas approval acc. to DIN 3535, part 1-3 |
| Format               | Rolls:<br>1 mm to 2 mm available in 1.4 m x 20 m<br>3 mm to 6 mm available in 1.4 m x 10 m                 |
| Colour               | black  |

| Technical data      | Standard term/Specification | Unit              | Testing method        |
|---------------------|-----------------------------|-------------------|-----------------------|
| Density             | 1.35                        | g/cm <sup>3</sup> | DIN EN ISO 1183-1     |
| Shore A             | 80                          | °ShA              | DIN ISO 7619-1        |
| Tensile strength    | 13                          | N/mm <sup>2</sup> | DIN 53504             |
| Elongation at break | 250                         | %                 | DIN 53504             |
| Abrasion            | n.a.                        | mm <sup>3</sup>   | DIN ISO 4649 method A |
| Temperature range   | von -15 bis +80             | °C                |                       |

| Resistance        | Standard term/Specification |
|-------------------|-----------------------------|
| Oil               | ⊕ ⊕                         |
| Fuels             | ⊕                           |
| Acids             | ⊕                           |
| Alkaline solution | ⊕                           |
| Weather           | ⊖                           |

| Legend   |
|--|
| ⊕ ⊕ = particularly resistant      ⊖ = not resistant      n.sp. = not specified<br>⊕ = resistant      n.a. = not applicable |

Product-related special properties can be tested in our in-house laboratory. If necessary separate standards and testing standards deviating from DIN may be specified.

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