

PRODUCT INFORMATION

# EPDM SPONGE RUBBER

## BENEFITS

EPDM sponge rubber (without skin). It is a very soft and flexible gasket, which is easily compressed and can effectively compensate for roughness and uneven surfaces.

Due to its softness, the gasket can be tensioned effectively even at low surface pressure.

Furthermore, the gasket is resistant to UV light and mild chemicals.

The gasket is also available with adhesive.

## MATERIAL

- EPDM rubber, black

## SPECIFICATION

Density	175 ± 25 kg/m <sup>3</sup> (ISO 845)
Hardness (Shore 00)	40 ± 10 (ASTM D 2240)
Compression set: 22 Hours / 50% / 40°C	≤ 60% (NF R 99-211-80)
Accelerated aging: 7 days / 70°C	-30 / +30% (ASTM D 1056-07)
Dimensional stability: 3 Hours / 80°C	-5% / +1% (FORD WSK-M2D419-A)
Elongation	178% (ISO 1798 type 1)
Compression Deflection: at 50%	80-160 kPa / 12-23 psi (NF R 99211)
Tensile strength	466 kPa / 67,6 psi (ISO 1798 type 1)

Tear resistance	1,7 kN/m / 9,7 Lbf/in (ISO 34-1 (B-a) / ASTM D624 DIE C)
Ozone resistance: 20% extension / 40°C / 200 pphm	No cracking (ISO 1431-1 2004)
Temperature: 7 days continuously	-50°C / + 110°C
Temperature: 5 hour intervals	+120°C
Vacuum water absorption	≤ 5% (ASTM D 1056)
Approvals	ASTM D 1056-07, NF R 99211-80, Renault 03-10-102/PSA B67 1016, FMVSS 302 (49 CFR ch. V § 571.302) ISO 3795, UL 94.