

Gasket materials

Flexseal® FS NBR 30156 60

Description: Flexseal® FS NBR 30156 60 is a gasket material made of nitrile rubber.

Properties: Flexseal® FS NBR 30156 60 is used for gas supply (DIN 3535/1 (1991), H2-15/+80°C, DIN-DVGW NG 5111 AQ 1566) as well as gas fittings in domestic installation (DIN-EN 549 (1995) DIN-DVGW NG 5112 AQ 1255). It is also suitable for gas and liquid hydrocarbons (DIN 3535/3 (1986) type F, hardness class 4, -5/50°C, DIN DVGW NG 5113 AQ 7114).

Application: Flexseal® FS NBR 30156 60 is used for machine and plant engineering, automotive supply industry, railway vehicles, food products and pharmacy.

Colour: black

Delivery forms: Flexseal® FS NBR 30156 60 can be delivered as customized cut and die-cut part. Dimensions and other delivery forms upon customer request.

Flexseal® FS NBR 30156 60

| Property | Test method | Unit | Value |
|---|-----------------|-------------------|---------------|
| Spec. weight | - | g/cm ³ | 1,35 |
| Hardness | - | Shore A | 60 +/-5 |
| Tear strength | - | N/mm ² | 13 |
| Elongation | - | % | 180 |
| Temperature resistance | - | °C | -15 bis +80 |
| Compression set (168 h/100°C) | DIN ISO 815 | % | 40 |
| Shore A after aging process (condition: 168 h/100°C) | DIN 53508 | Shore A | +/- 6 |
| Hardness after aging process: (168 h/100°C) | DIN 53508 | % | +/-15 |
| Elongation after aging process (168 h/100°C) | DIN 53508 | % | +/-30 |
| Ozone resistance | - | - | Good |
| Weather resistance | - | - | Non-resistant |
| Oil resistance | - | - | Good |
| Fuel resistance (168 h), 22°C, test force. 2 Max. 30% volume swelling | DIN 3535-3:1986 | - | Resistant |
| Acid resistance | - | - | Resistant |
| Strong bases resistance | - | - | Resistant |
| Wear resistance | - | - | Resistant |

Trademark information: Flexseal® is a registered trademark of company Dr. Dietrich Müller GmbH, Germany.

Please note:

The information in this data sheet is based on our current knowledge and experience. They do not disengage the fabricator and the user from own tests and inspections because of the plenty of possible effects. There is no judicial binding assurance of certain properties or of the qualification for a concrete application in our declaration. We recommend consulting us in individual cases. The acceptor of our products has to observe possible industrial property rights as well as present laws by himself.

Dr. Dietrich Müller GmbH