

Gasket materials

Flexseal® FS NBR 30156 70

Description: Flexseal® FS NBR 30156 70 is a gasket material made of nitrile rubber.

Properties: Flexseal® FS NBR 30156 70 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 70 is used for machine and plant engineering, automotive supply industry, railway vehicles, food products and pharmacy.

Colour: black

Delivery forms: Flexseal® FS NBR 30156 70 can be delivered as customized cut and die-cut part. Dimensions and other delivery forms upon customer request.

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Property	Test method	Unit	Value
Spec. weight	-	g/cm ³	1,35
Hardness	-	Shore A	70 +/-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