

Gasket material

Flexseal® NRFS FS 30151

Material: Flexseal® NRFS FS 30151 is a material on the basis of synthetic rubber which has high elasticity and closed cells. The properties can be compared to NBR.

Properties: Flexseal® NRFS FS 30151 has low thermal conductivity, is highly resistance against water vapor diffusion and offers soft-elastic molding.

Applications: Flexseal® NRFS FS 30151 is used for technical applications in areas such as cooling- and climate-technology and process-engineering.

Delivery forms: Flexseal® NRFS FS 30151 can be delivered as customized cut or die-cut part and self-adhesive. Other delivery forms upon customer request.

Storage conditions: Flexseal® NRFS FS 30151 lasts for 12 months if stored in a cool and dry environment.

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properties	Test method	unit	Value
Colour			Black
Water vapour resistance		μ	≥7000
Thermal conductivity λ, 40°C			0,040
Noise insulation	DIN 4809	dB(A)	30
Temperature range		°C	-25 to +80
Flammability	DIN 4102-T1		B1 (P-MPA-E-03-510)
Flammability	ISO 3795		Ok
Density	ISO 845	Kg/m ³	40-70
Compression set, 23°C/22 h/ 50%	ISO 1856		≤25
40°C/22 h/ 50%			≤40
Tensile strength	ISO 1798	kPa	100
Elongation	ISO 1798	%	80
Linear shrinkage, 70°C/ 24 h	ISO 2796	%	≤5,0
Dimensional stability, 80°C/ 3 h	ISO 2796	%	≤5,0

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 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