

Gasket materials

Flexseal® SI FS 30168 60

Description: Flexseal® SI FS 30168 60 is a gasket material made of vinyl-methyl-polysiloxane.

Properties: Flexseal® SI FS 30168 60 limited resistance against lyes and good aging-, ozone- and lightresistance. Flexseal® SI FS 30168 60 is conform in acc. to FDA-list § 177.2600.

Application: Flexseal® SI FS 30168 60 is used for machine and plant engineering, railway vehicles, food products and pharmacy.

Colour: red

Delivery forms: Flexseal® SI FS 30168 60 can be delivered as customized cut or die-cut part. Dimensions and other delivery forms upon customer request.

Dr. Dietrich Müller GmbH

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| Properties | Unit | Value |
|------------------------------------|------------------------------------|---------------|
| Density | g/cm ³ | 1,1 – 1,5 |
| Radiation resistance | | Poor |
| Max. long-term service temperature | °C | 200 – 260 |
| Min. service temperature | °C | -70 to -50 |
| Spec. heat | J K ⁻¹ kg ⁻¹ | 1300 – 1500 |
| Hardness | Shore A | 60 |
| Tensile strength | MPa | 6,5 |
| Alcohols | | Good-mediocre |
| Aromatics hydrocarbons | | Poor |
| Greases and oils | | Good-poor |
| Halogens | | Poor |
| Halogenehydrocarbons | | Poor |
| Ketones | | Poor |
| Lyes | | Mediocre-poor |
| Acids – concentrated | | Good-poor |
| Acids - diluted | | Good-poor |

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.

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