

Gasket material

Klingersil® C 4408 | FS 30076

Material: Klingersil® C 4408 | FS 30076 is a high-pressure gasket material, made of aramid fibers and nitrile rubber. Klingersil® C 4408 | FS 30076 is very durable due to its steel-fiber-armoring and has a non-stick coating.

Properties: Klingersil® C 4408 | FS 30076 has very good sealing characteristics and can be used for applications where resistances against oils, water, vapor, gas, fuel, alcohol, hydrocarbons, lubricants and cooling agents are required.

Applications: Klingersil® C 4408 | FS 30076 can be used in a variety of applications due to its compatibility with many materials.

Delivery forms: Klingersil® C 4408 | FS 30076 is available in a thickness of 0,5 – 3,0 mm (\pm 10%) and can be delivered as molded or die-cut part, customized cut or sheet. Other delivery forms upon customers request. Klingersil® C 4408 | FS 30076 can also be equipped with graphitization or other surface equipments on one of both sides. Klingersil® C 4409 | FS 30077 is also available in a folded form and can be wrapped with PTFE.

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Properties	Test method	Unit	Value
Compressibility	ASTM F 36 J	%	8
Spring back	ASTM F 36 J	%	min. 50
Pressure resistance, 50 MPa, 16 h, 300°C	DIN 52913	MPa	28
Tightness	DIN 3535/6	m/min	2,5
Anti-corrosion tendencies, chloride content (soluble)		ppm	150
Thickness increase oil JRM 903, 5 h, 150°C	ASTM F 146	%	5
Thickness increase fuel B, 5 h , 23°C	ASTM F 146	%	5
Density		g/cm ³	1,9

Trademark information: Klingersil® is a registered trademark of company Klinger AG.

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