

## Gasket material

### Klingersil® C 6307 | FS 30080

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**Material:** Klingersil® C 6307 | FS 30080 is a high-pressure gasket material, made of aramid fibers, styrene-butadiene and nitrile rubber. Klingersil® C 6307 | FS 30080 has a non-stick coating.

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**Properties:** Klingersil® C 6307 | FS 30080 offers very good sealing properties.

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**Applications:** Klingersil® C 6307 | FS 30080 can be used in a variety of applications due to its compatibility with many materials.

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**Delivery forms:** Klingersil® C 6307 | FS 30080 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 (1000 x 1500, 2000 x 1500 ( $\pm 50$ )). Other delivery forms upon customers request. Klingersil® C 6307 | FS 30080 can also be equipped with graphitization or other surface equipments on one of both sides. Klingersil® C 6307 | FS 30080 can also be folded and covered with PTFE.

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## Klingersil® C 6307 | FS 30080

Properties	Test method	Unit	Value
Compressibility	ASTM F 36 J	%	9-15
Spring back	ASTM F 36 J	%	Min. 45
Pressure resistance, 50 MPa, 16 h, 175°C	DIN 52913	MPa	25
Tightness	DIN 3535/6	ml/min	0,5
Thickness increase oil JRM 903, 5 h, 150°C	ASTM F 146	%	35
Thickness increase Fuel B, 5 h, 23°C	ASTM F 146	%	40
Density		g/cm <sup>3</sup>	1,7

**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.