

Gasket materials

Graftem® Economy | FS 30321

Material: Graftem® Economy | FS 30321 is a gasket material made of graphite-particles and aramid fibers.

Application: Graftem® Economy | FS 30321 is used to seal vapour, oil, fuels, hydrocarbons and cooling elements.

Delivery forms: Graftem® Economy | FS 30321 can be delivered as customized cut or die-cut part. Dimensions and other delivery form upon customer request.

Properties	Test method	Unit	Value
Thickness		mm	2,0
max. pressure		MPa	8
Max. operating temperature		°C	200
Short operating temperature		°C	360
Density	DIN 28 090-2	g.cm ⁻³	1,8-2,1
Residual voltage	DIN 52 913	MPa	30
Compressibility	ASTM F 36-J	%	5-15
Relaxation	ASTM F 36-J	%	50
Leakage rate	DIN 3535-6	Mg/(s.m)	0,1
Thickness gain ASTM ÖI - IRM 903, ISO 1817, 5 h at 150°C	ASTM F 146	%	Max. 5
Thickness gain Fuel B, ISO 1817, 5 h at 23°C	ASTM F 146	%	Max. 10
Flexibility	ASTM F 147		No cracks/breaks

Dr. Dietrich Müller GmbH

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Trademarkinformation: Temasil® is a registered trademark of TEMAC, a. s.

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