

Gasket material

Novapress® Multi | FS 30084

Material: Novapress® Multi | FS 30084 is a high-pressure gasket material which is made of aramid-fiber, graphite filling and oil-resistant nitrile rubber.

Properties: Novapress® Multi | FS 30084 offers standardized gas tightness, high pressure resistance, flexibility and conformability. Novapress® Multi | FS 30084 is resistant against oil, gasoline and lubricants, gaseous media and has excellent safety reserves, even under alternating loads.

Applications: Novapress® Multi | FS 30084 is applied for power plants, plant and apparatus engineering and chemical industry.

Colour: blue

Delivery forms: Novapress® Multi | FS 30084 is available as die-cut or molded part and as a sheet (1000 x 1500, 1500 x 1500, 3000 x 1500 mm) in thicknesses of 0,3-4,0 mm. Other delivery forms upon customers request. If needed, Novapress® Multi | FS 30084 can be equipped with stainless steel fibers and non-stick coating.

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Properties	Test method	Unit	Value
Density	DIN 28 090-2	g/cm ³	1,50
Tensile strength, lengthwise	DIN 52 910	N/mm ²	28
Tensile strength, crosswise	DIN 52 910	N/mm ²	12
Pressure resistance, 175°C	DIN 32 913	N/mm ²	32
Pressure resistance, 300°C	DIN 32 913	N/mm ²	22
Compression	ASTM F361	%	7
Spring back	ASTM D361	%	60
Cold heading	DIN 28 090-2	%	6
Cold recovery	DIN 28 090-2	%	3
Heat heading	DIN 28 090-2	%	10
Heat recovery	DIN 28 090-2	%	2
Recovery value	DIN 28 090-2	Mm	0,040
Specific leak rate	DIN 3535-6	mg/s-m	≤0,100
Specific leak rate	DIN 28 090-2	mg/s-m	0,100
Media resistance, 5 h, 150°C ASTM IRM 903 Change of weight Change of thickness	ASTM F146	%	6 2
Media resistance, 5 h, 23°C, ASTM Fuel B Change of weight Change of thickness	ASTM F146	%	8 4
Chloride content (soluble in water)	FZT PV-001-113	ppm	≤150

Trademark information: Novapress® is a registered trademark of company Frenzelit Sealing Systems.

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