

Gasket material

Centellen® WS 3820 | FS 30073

Material: Centellen® WS 3820 | FS 30073 is made of aramid- and other fibers, inorganic substances and NBR rubber as binding agent.

Properties: Centellen® WS 3820 | FS 30073 offers high mechanical firmness and meets the requirements of seals for gas supply. It is resistant against hydrocarbons (oils, solvents), alcohols, glycols, watery solutions, water and vapor up to 200°C as well as weak lyes, acids and ammoniac UN 1005.

Applications: Centellen® WS 3820 | FS 30073 is a universal gasket plate for applications in the moderate temperature range.

Delivery forms: Centellen® WS 3820 | FS 30073 can be delivered as customized cut or die-cut part as well as self-adhesive. Other delivery forms upon customer request.

Colour: green

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properties	Test method	Unit	Value
Density	DIN 28090	g/cm ³	1,85
Cold heading value	DIN 28090	%	8,0
Cold resilience value	DIN 28090	%	4,0
Warm setting value	DIN 28090	%	25,4
Warm resilience value	DIN 28090	%	3,2
Spec. Leakage rate	DIN 28090	mg/s*m	0,02
Gas tightness	DIN 3535/6	cm ³ /min	0,80
Compressive strength, 16h, 175°C	DIN 52913	N/mm ²	30
Compressoin, 16 h, 300°C	DIN 52913	N/mm ²	25
Tensile strength, crosswise	DIN 52910	N/mm ²	11
Min. Fl.compression (Gas/liquid)	DIN 28090	N/mm ²	20/10
Max. Fl.compression (23°C/200°C/250°C)	DIN 28090	N/mm ²	>90/55/30
Min. Temperature		°C	-100
Max. operating temperature		°C	200
Max. Temperature (short)		°C	400
Max. pressure		bar	100

max. temperature and max. pressure must not occur at the same time!

Trademark information: Centellen® is a registered trademark of company Hecker Werke 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 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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St.-Nr.: 68/207/07677 | Zertifiziert nach DIN EN ISO 9001:2015 | UL anerkannter Repacker E341377

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