

CORRUGATED METALLIC GASKET WITH TWO-SIDED GRAPHITE LAYER

8711WD10

The gasket consists of a waved stainless steel plate [1.4571] with graphite layer seat on both sides. To ensure safety in oxygen applications, we also offer an adhesive-free LE-Safe version of this gasket.



Operating data

Temperatur	450 °C
Temperatur [min]	-269 °C
Temperatur [max]	550 °C
Pressure [max]	160 bar

Gasket characteristics DIN 2505 V

$K_0 \times K_d$ [N/mm]	$12 \times b_d$
k_1 [mm]	$1,1 \times b_d$

Gasket characteristics DIN 28090

σ_{V0} [N/mm ²]	230
$\sigma_{VU 0,1}$ [N/mm ²]	12
m [DIN 28090]	1.1
$\sigma_{B0 300 °C}$ [N/mm ²]	200

Gasket characteristics ASME

m [ASME]	2.5
Y [PSI]	2000

Approvals and test reports

TA Luft 2002 [VDI 24A0/2200]

DIN 30691 [lightning current carrying capacity]

DIN EN13555 [TA Luft 2021]

Fire Safe Test

Blow-out resistance

Gas [DIN 3535-6]

This datasheet on the internet: <https://idt-gaskets.com/products/gaskets/61f7e49bdac2a7b3e>

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Flange shapes

Self-centering, Raised Face [form IBC]

Male-Female [form SR]

Apparatus, customized

With partition bars

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Further sealing systems and technical information can be found [idt-gaskets.com](https://www.idt-gaskets.com)

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