

FLAT GASKET FROM UNIFLUOR® WS 7551

7551FD01

UNIFLUOR® WS 7551 is a high quality biaxially orientated sealing material on PTFE basis, filled with quartz.



Operating data

Temperatur [min]	-269 °C
Temperatur [max]	250 °C
Pressure [max]	80 bar

Gasket characteristics EN 13555

Dichtungskennwerte 2 mm [Amtec]

https://idt-gaskets.com/download/dichtungskennwerte/28C8_276

Gasket Characteristics 3 mm [Amtec]

https://idt-gaskets.com/download/dichtungskennwerte/28C8_357

Gasket characteristics DIN 2505 V

$K_0 \times K_d$ [N/mm]	$24 \times b_d$
k_1 [mm]	$1,2 \times b_d$

Gasket characteristics DIN 28090

σ_{V0} [N/mm ²]	160
$\sigma_{VU 0,1}$ [N/mm ²]	24
m [DIN 28090]	1.2
$\sigma_{B0 150 °C}$ [N/mm ²]	110
$\sigma_{B0 200 °C}$ [N/mm ²]	90

Gasket characteristics ASME

m [ASME]	1.5
Y [PSI]	3700

This datasheet on the internet: <https://idt-gaskets.com/products/gaskets/61f7e4959419feb79>

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Approvals and test reports

TA Luft 2002 [VDI 24A0/2200]

DIN EN13555 [TA Luft 2021]

Blow-out resistance

FDA [Food]

EG 1935/2004

Flange shapes

Self-centering, Raised Face [form IBC]

Male-Female [form SR]

Glass-lined, Enamelled flange

Apparatus, customized

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

Last Changed 2025-06-30