

# FLAT GASKET FROM UNIFLUOR® WS 7553

7553FD01

UNIFLUOR® WS 7553 is a high quality biaxially orientated sealing material on PTFE basis, filled with barium sulphate.



## 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\\_356](https://idt-gaskets.com/download/dichtungskennwerte/28C8_356)

Gasket Characteristics 3 mm [Amtec]

[https://idt-gaskets.com/download/dichtungskennwerte/28C8\\_355](https://idt-gaskets.com/download/dichtungskennwerte/28C8_355)

## Gasket characteristics DIN 2505 V

$K_0 \times K_d$ [N/mm]	$25 \times b_d$
$k_1$ [mm]	$1,2 \times b_d$

## Gasket characteristics DIN 28090

$\sigma_{V0}$ [N/mm <sup>2</sup> ]	160
$\sigma_{VU 0,1}$ [N/mm <sup>2</sup> ]	25
m [DIN 28090]	1.2
$\sigma_{B0 150 °C}$ [N/mm <sup>2</sup> ]	95
$\sigma_{B0 200 °C}$ [N/mm <sup>2</sup> ]	85

## Gasket characteristics ASME

m [ASME]	1.5
Y [PSI]	3000

## Approvals and test reports

TA Luft 2002 [VDI 24A0/2200]

DIN EN13555 [TA Luft 2021]

FDA [Food]

This datasheet on the internet: <https://idt-gaskets.com/products/gaskets/61f7e4961551af665>

General information: All information given in this Technical Information sheet represents our current level of knowledge and serves as information on our products and their respective scopes. It is not meant to ensure any particular properties of any product or the suitability of any product for any specific application, neither does it create any liability on our part. © Copyright by IDT

## Flange shapes

Self-centering, Raised Face [form IBC]

---

Male-Female [form SR]

---

Apparatus, customized

---

This datasheet on the internet: <https://idt-gaskets.com/products/gaskets/61f7e4961551af665>

General information: All information given in this Technical Information sheet represents our current level of knowledge and serves as information on our products and their respective scopes. It is not meant to ensure any particular properties of any product or the suitability of any product for any specific application, neither does it create any liability on our part. © Copyright by IDT

Essen: +49 201 8551110 · Annaberg-Buchholz: +49 3733 5050 · München: +49 89 9918830  
Further sealing systems and technical information can be found [idt-gaskets.com](https://www.idt-gaskets.com)

Last Changed 2025-02-05