

# RUBBER-STEEL GASKET G-ST (NBR)

0184GS01

The gasket consists of a lens-shaped rubber body and an interior steel ring. The rubber jacketing is vulcanised firmly to the steel insert which creates a sturdy compound which can withstand even high stresses. The steel insert increases the blow-out resistance and stability of the sealing system. The lens shape causes a partial increase in surface pressure.



## Operating data

Temperatur [min]	-25 °C
Temperatur [max]	70 °C
Pressure [max]	25 bar

## Gasket characteristics DIN 2505 V

k1 [mm]	1 × b <sub>d</sub>
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## Gasket characteristics DIN 28090

σ <sub>v0</sub> [N/mm <sup>2</sup> ]	15
σ <sub>vU 0,1</sub> [N/mm <sup>2</sup> ]	2
m [DIN 28090]	1

## Gasket characteristics ASME

m [ASME]	2
Y [PSI]	300

## Approvals and test reports

TA Luft 2002 [VDI 24A0/2200]

W270

FDA [Food]

## Flange shapes

PTFE-lined steel flange

## Notes

Proof of the required leakage rate according to TA Luft 2021 [VDI 2290] can be provided by a calculation according to DIN EN 1591-1.

This datasheet on the internet: <https://idt-gaskets.com/products/gaskets/61f7e4a7077149c33>

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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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