

RUBBER-STEEL GASKET G-ST-P/S [FPM]

0285GS10

The lens-shaped base body is also equipped with an O-ring as static sealing element.

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.



Operating data

Temperatur [min]	-20 °C
Temperatur [max]	200 °C
Pressure [max]	25 bar

Gasket characteristics DIN 2505 V

k ₁ [mm]	1,6 × b _d
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Gasket characteristics DIN 28090

σ _{V0} [N/mm ²]	15
σ _{VU 0,1} [N/mm ²]	2
m [DIN 28090]	1
σ _{B0 150 °C} [N/mm ²]	5

Gasket characteristics ASME

m [ASME]	2
Y [PSI]	300

Approvals and test reports

TA Luft 2002 [VDI 24A0/2200]

Flange shapes

Plastic 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.