RUBBER-STEEL GASKET (EPDM)

0374GS01

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)	-30 °C
Temperatur (max)	120 °C
Pressure (max)	25 bar

Gasket characteristics DIN 2505 V

k1 [mm]	$1 \times b_d$

Gasket characteristics DIN 28090

$б_{V0}$ [N/mm²]	15
$б_{VU}$ 0,1 [N/mm²]	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.

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Further sealing systems and technical information can be found **idt-gaskets.com**