

# RUBBER-STEEL-GASKETS VERSION KGS GII MADE OF EPDM

0378GS12

The Gasket consists of a spear-shaped rubber body and an integrated steel ring. The rubber coating is firmly vulcanized to the steel insert, creating a stable bond that can withstand high loads. The steel insert increases the blow-out resistance and stability of the sealing system. The geometry enables a secure seal to be created even with the lowest surface pressures.



## Operating data

Temperatur [min]	-40 °C
Temperatur [max]	110 °C
Pressure [max]	40 bar

## Gasket characteristics DIN 28090

$\sigma_{V0}$ [N/mm <sup>2</sup> ]	15
$\sigma_{VU 0,1}$ [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]	
Blow-out resistance	
Gas [DIN 3535-6]	
Drinking Water [KTW; WRAS]	
WRAS	
W270	

## Flange shapes

Self-centering, Raised Face [form IBC]

## Notes

This datasheet on the internet: <https://idt-gaskets.com/products/gaskets/y6644bd12667ebee>

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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/y6644bd12667ebee8>

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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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