

UNIGRAF® LOW EMISSION PACKING FOR VALVES AND FITTINGS

1376.

The gland packing is braided and consists of permanently elastic, expanded graphite fibers [c-content >98%], inconel reinforced. The packing is fitted with a special high-temperature waterproofing and a corrosion inhibitor. Through excellent cross-sectional density and special surface texture, very low friction and leakage rates are achieved even under extreme conditions to fulfill TA Luft requirements.



Features

Temperatur [min]	-269 °C
Temperatur [max]	550 °C
Density approx. [g/cm ³]	1.75 g/cm ³
Material structure	Graphitfolie, Inconel
Waterproofing	PTFE

Fields of application

Valves [Vg]	2 m/s
Valves [p]	350 bar

Applications

abrasive and sticky media	not suitable
Water, Process water, Lake water	suitable
Hot water, boiler dining water	suitable
Vapors, acid gases, nitrogen	suitable
Oxygen	not suitable
Mineral oils, animal fats	suitable
Heat carrier oils, synthetic oils	suitable
Alcalia diluted, salt solutions	suitable
Alcalia concentrated	limited suitability
Inorganic acids diluted, salt solutions	suitable
Inorganic acids concentrated	limited suitability
Solvents, other organic compounds	limited suitability
Lacques, colors [silicone -free]	limited suitability

This datasheet on the internet: <https://idt-gaskets.com/products/packings/62a343b5acbefa334>

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Approvals and test reports

TA Luft 2002 [VDI 24A0/2200]

API 622/ASTM F2168/Shell Spec MESC SPE 85-203

[TA-Luft test was performed without disc suspension at 200°C [1,000 spindle strokes] and additionally 300°C [2,000 spindle strokes], at a test pressure of 40bar].

Forms of delivery

compression-moulded packing ring or packing set

Dimensions on request

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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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