

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. The compression-moulded packing set meets the TA Luft requirements.



Features

Temperatur [min]	-269 °C
Temperatur [max]	550 °C
Density approx. [g/cm ³]	1.75 g/cm ³
Material structure	exp. Reingraphitfolie gefl. Inc.
Waterproofing	PTFE
Lubricant	nein
K-factor	0.7

Fields of application

Valves [Vg]	2 m/s
Valves [p]	450 bar

This datasheet on the internet: <https://idt-gaskets.com/products/packings/629fb7ad69eec4483>

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

Last Changed 2023-12-01

Applications

abrasive and sticky media	limited suitability
Water, Process water, Lake water	suitable
Hot water, boiler dining water	suitable
Vapors, acid gases, nitrogen	suitable
Oxygen	limited suitability
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	suitable
Lacques, colors [silicone -free]	not suitable

Forms of delivery

Ready-to-install, compression-molded packing rings made to measure; as complete packing sets; sold by the meter in boxes;

1 kg	3 - 7 mm vkt.
2 kg	8 - 11 mm vkt.
3,5 kg	12 - 14 mm vkt.
5 kg	15 - 19 mm vkt.
10 kg	ab 20 mm vkt.

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