

UNIGRAF®-TA-LUFT SEALING SET

1374

This gland packing is made of braided, patented multi-purpose graphite/ PTFE combination fiber to provide excellent cross-sectional density in temperature cycles and extremely low leakage rates. The packing set features low gap extrusion, low cold flow tendency and very low friction coefficients. The preferred use of the packing is in standard and control fittings in the chemical and petrochemical industry, process technology and refineries.



Features

Temperatur [min]	-269 °C
Temperatur [max]	300 °C
Density approx. [g/cm ³]	1.4 g/cm ³
Material structure	Graphitfolie/ PTFE

Fields of application

Valves [Vg]	2 m/s
Valves [p]	300 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/629fb7af6628da131>

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Approvals and test reports

TA Luft 2002 [VDI 24A0/2200]

The packing set was tested without disk suspension, at 400°C and 40 bar. The maximum operating temperature recommended by us is 300°C. Further information on the use of fluoropolymers, especially at elevated temperatures, can be found in the document "Guide for the Safe Handling of Fluoropolymer Resins" [issue 06/2021].

Forms of delivery

compression-moulded packing ring or packing set

Dimensions on request

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