

PURE GRAPHITE FOIL RINGS

1390

- Pure graphite foil rings are the optimal solution for very high operational reliability and a wide range of applications
- Compared to traditional stuffing box packings, pressed foil rings have a homogeneous structure and a very high cross-sectional density
- The ring set height can be reduced by inserting a metal base ring.
- resistant against most media, will not be coated by metal and salt melting
- asbestos-free, no health hazard
- age resistant and not susceptible to get brittle as no binders and fillers
- available in high purity
- long term stability for compression and elastic recovery properties over a wide temperature range
- low friction values
- very good temperature change resistance
- high pressure resistance



Features

Temperatur [min]	-269 °C
Temperatur [max]	550 °C
Chemical resistance [pH]	0-14
Density approx. [g/cm ³]	1.2 - 1.8 g/cm ³
Degree of purity	≥ 99,85 %
Ash content	≤ 0,15 %
Sulfur content	< 300 ppm
Antioxidant	yes
Material structure	Graphitfolie, gepr.
Waterproofing	none
Lubricant	nein
Steam	600 °C

Fields of application

Valves [Vg]	2 m/s
Valves [p]	300 bar

This datasheet on the internet: <https://idt-gaskets.com/products/packings/639b4f51b853f1e25>

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Applications

abrasive and sticky media	nicht geeignet
Water, Process water, Lake water	geeignet
Hot water, boiler dining water	geeignet
Vapors, acid gases, nitrogen	geeignet
Oxygen	geeignet
Mineralöle, tierische Fette	geeignet
Heat carrier oils, synthetic oils	geeignet
Alcalia diluted, salt solutions	geeignet
Alcalia concentrated	geeignet
Inorganic acids diluted, salt solutions	geeignet
Inorganic acids concentrated	bedingt geeignet
Solvents, other organic compounds	bedingt geeignet
Lacques, colors [silicone -free]	bedingt geeignet

Approvals and test reports

BAM oxygen

BAM oxygen [liquid]

Gas [DIN 3535-6]

EG 1935/2004

Drinking water certificate HY

Forms of delivery

compression-moulded packing ring or packing set

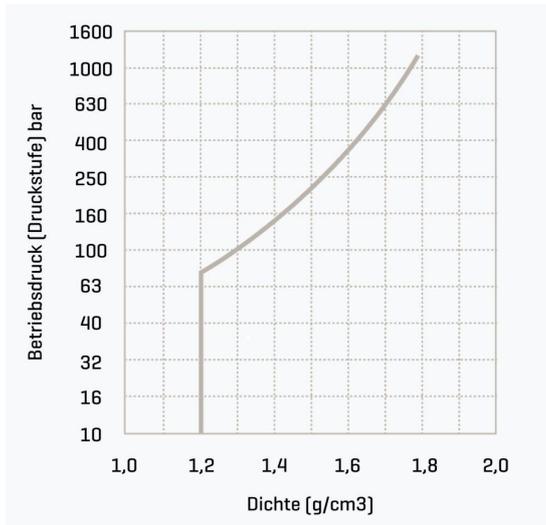
Additional information

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Further sealing systems and technical information can be found [idt-gaskets.com](https://www.idt-gaskets.com)

Last Changed 2023-10-23



Einbau- und Betriebshinweise (Gilt für 1380/1390)

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