

## PURE GRAPHITE FOIL RINGS

TEST1380PR01

Reingrafit Folienringe are high-quality sealing materials that are particularly resistant to most media and feature an asbestos-free, non-hazardous composition. Age-resistant and not prone to brittleness, they offer long-term stability for compression and elastic recovery properties over a wide temperature range. With low friction values and very good temperature change resistance, they are able to withstand high pressure and are therefore the ideal choice for all applications requiring high performance and reliability. Available in high purity, these sealing materials are a top choice for a wide range of applications.



- 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

This datasheet on the internet: <https://idt-gaskets.com/products/test/63ad535edbc9ad193>

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

Last Changed 2023-11-24

## Features

Temperatur [min]	-202 °C
Density approx. [g/cm <sup>3</sup> ] from to	1.3 - 1.8
Temperatur [max]	551 °C
Density approx. [g/cm <sup>3</sup> ]	1.4 - 1.8 g/cm <sup>3</sup>
Degree of purity	≥ 99,85%
Ash content	≤ 0,15%
Sulfur content	< 300 ppm
Antioxidant	yes
Material structure	Graphitfolie, gepr.
Waterproofing	none
Lubricant	nein
Steam	601 °C

## Operating data

Temperatur	50 °C
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## Fields of application

Piston pump [Vg]	55 m/s
Piston pump [p]	77 bar
Valves [Vg]	2 m/s
Valves [p]	300 bar

Beschreibung en\_US

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## 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	suitable
Mineral oils, animal fats	suitable
Heat carrier oils, synthetic oils	suitable
Alcalia diluted, salt solutions	suitable
Alcalia concentrated	suitable
Inorganic acids diluted, salt solutions	suitable
Inorganic acids concentrated	limited suitability
Solvents, other organic compounds	limited suitability
Lacques, colors [silicone -free]	limited suitability

## Approvals and test reports

Gas [DIN 3535-6]

WRAS

EG 1935/2004

## Flange shapes

Male-Female [form SR]

GRP flange

PTFE-lined steel flange

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## Test Attributes Group

TEST attribute	Long Text
Asset Field	<u>Dichtungskennwerte [IDT]</u>
INT	17
Array test field	array 1 array 2 array 3 Third
extensibleMultiEnum	suitable/limited suitability/not suitable

## Forms of delivery

Sold by the meter in boxes.

2 x 15 kg	10 x 8 mm
2 x 15 kg	12 x 10 mm
2 x 15 kg	15 x 10 mm
2 x 15 kg	15 x 20 mm
2 x 15 kg	16 x 8 mm
2 x 15 kg	16 x 12 mm
2 x 15 kg	20 x 10 mm
2 x 15 kg	20 x 12 mm
2 x 15 kg	20 x 13 mm
2 x 15 kg	21 x 16 mm
2 x 15 kg	30 x 15 mm

Packungen ab 20 kg werden auf Kundenwunsch auf Großgebände gewickelt.

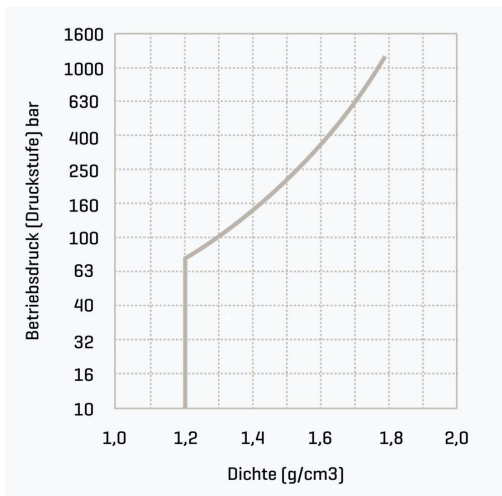
## Additional information

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Einbau- und Betriebshinweise (Gilt für 1380/1390)

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