

EPTFE-PACKING MADE FROM EXPANDING PTFE WITH INCORPORATED WHITE FILLER, WITH SILICONE OIL AS LUBRICANT

1737

- No colour contamination of media due to abrasion.
- Packing complies with FDA requirements for use as sealing material in food industry.
- In comparison to pure PTFE lower heat strain and higher heat conductivity, hence longer service life and more shaft-friendly.
- High chemical resistance, similar to pure PTFE. Incorporated white filler is also resistant against oxidising acting acids, therefore can be used instead of formerly used blue asbestos-acid packings.



Features

Temperatur [min]	-269 °C
Temperatur [max]	260 °C
Density approx. [g/cm ³]	1.6 g/cm ³
Material structure	ePTFE
Waterproofing	PTFE
Lubricant	ja
K-factor	0.9

Fields of application

Piston pump [Vg]	2 m/s
Piston pump [p]	100 bar
Impeller pump [Vg]	20 m/s
Impeller pump [p]	25 bar
Valves [Vg]	2 m/s
Valves [p]	100 bar

This datasheet on the internet: <https://idt-gaskets.com/products/packings/629fb7ae7fb401291>

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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	not 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	suitable
Solvents, other organic compounds	suitable
Lacques, colors (silicone -free)	not suitable

Approvals and test reports

FDA (Food)

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

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