
Certificate

(in conjunction with test report no.: G 30 335-5)

Product: **Kraso Sealing Insert Type SD20-T**

Manufacturer: KRASO GmbH & Co. KG
Baumannweg 1
46414 Rhede

It is hereby certified that the following tests were passed:

Gas tightness

Water tightness under radial load

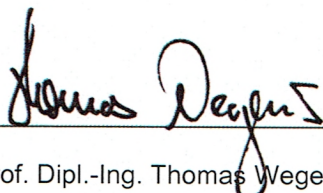
in accordance with the requirements of the FHRK test specification GE 101 modular
seals with quality level LD10.

iro GmbH Oldenburg
Ofener Straße 18
26121 Oldenburg

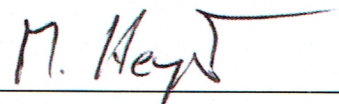
29 June 2022

certified as true translation
of the original
PTS GmbH
1A, rue de la Laiterie
L-9910 Troisvierges
www.pts.lu

5.324



Prof. Dipl.-Ing. Thomas Wegener
(Management)



Dipl.-Ing. (FH) Matthias Heyer
(Project manager)

ADDENDUM FHRK* CERTIFICATE



In addition to the tested type, other types are considered as tested under the following conditions, provided the design is otherwise identical:

- + if it is closed and the split type has been tested,
- + if it has a clamping body with a larger outer diameter,
- + if it has an adhesion, welding or fixed and loose flange in accordance with DIN 18533,
- + if it has several ports (in the clamping and sealing body) for the sealed installation of pipes or
- + if it has a wider sealing width.

If a modular seal that is designed exclusively to accommodate several pipes at the same time without radial load (i.e. there is no type that has only one passage) needs to be tested, the necessary test pipes for the test shall be made available to the institute in consultation with the testing body. The outer diameter and the number of pipes should reflect a standard configuration for the size to be tested.

(Excerpt from section 4.7 FHRK test specification GE 101, as of 13 November 2020)

The certificate (in conjunction with test report no.: G 30 335-5) for the product **KRASO® Sealing Insert Type SD20-T** is hence also valid for the following variants:

KRASO® Sealing Insert Universal DD
KRASO® Sealing Insert Type ED + DD + VD
KRASO® Sealing Insert Type SD 30
KRASO® Sealing Insert Type SD 60
KRASO® Sealing Insert Type TD-X
KRASO® Foil Clamping Flange Type FKF
KRASO® Foil Clamping Flange Type FKF Universal
KRASO® Casing Type FL/ED
KRASO® Casing Type FL/DD.

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It certifies the gas tightness and water tightness under radial load in accordance with the requirements of the FHRK test specification GE 101 for a test pressure of 1.0 bar.



Fachverband Hauseinführungen
Rohre und Kabel e.V.

*FHRK (Professional association house entries for pipes and cables - registered association) Information on the FHRK quality seal and the test principles:
www.fhrk.de/qualitätssiegel