



Type Approval Certificate

Germanischer Lloyd

This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the GL Type Approval System.

Certificate No. 98 949 - 97 HH

Company Rich. Klinger Dichtungstechnik GmbH & Co. KG
Am Kanal 8-10
A-2352 Gumpoldskirchen

Product Description FLAT GASKETS

Type KLINGERTop-chem-2000

Environmental Category None

Technical Data / TECHNICAL DATA

Range of Application	Type	KLINGERTop-chem-2000
	Density	2.5 [g/cm ³]
	Compressibility	2% { ASTM F 36 J }
	Recovery	=/ > 55% { ASTM F 36 J }
	Tightness	0.5 [ml/min] { DIN 3535-6 }
	Klinger cold / hot compression, 50 MPa	thicknees decrease at 23 [°C]: 2% thicknees decrease at 250 [°C]: 5%

RANGE OF APPLICATION

The gaskets may be used under consideration of the mechanical and physical properties as well as the chemical resistance as follows:

- Ship's piping systems including cargo lines on Chemical and Gas Tankers carrying propylene oxide and mixtures of ethylene / propylen oxide.
- Maximum allowable working pressure and temperature according to the specification of the manufacturer.

Test Standard • ASTM and DIN

Documents • Test Reports
• Technical Data
• Audit Report

Remarks • None

Valid until 2008-11-20

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Type Approval Symbol



File No. II.C.09

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