

Approval Certificate



This is to certify, that the undernoted products have been approved in accordance with the relevant requirements of the GL Approval System.

Certificate No. 13 413 - 98 HH

Company Donit Tesnit d.o.o.

Cesta komandanta Staneta 38
1215 Medvode, SLOVENIA

Product FLAT GASKETS

Type BA-U and BA-50

Technical Data / Composition: aramid fibres, NBR
Application

	Type: BA-U	Type: BA-50
Compressibility {ASTM F 36/J}	8.0 [%]	8.0 [%]
Recovery {ASTM F 36/J}	55 [%]	45 [%]
Tensile strenght { DIN 52910 }	11 [N/mm ²]	9.0 [N/mm ²]
Gas leakage { DIN 3535-6 }	0.5 [cm ³ /min]	0.8 [cm ³ /min]
Stress resistance {DIN 52 913 at 300 °C}	22 [N/mm ²]	20 [N/mm ²]
{DIN 52 913 at 175 °C}	28 [N/mm ²]	25 [N/mm ²]
Sheet thickness:	0,5 up to 3,0 mm	

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 excluding cargo lines on Chemical and Gas Tankers carrying propylene oxide and mixtures of ethylene / propylene oxide.
- Maximum allowable working pressure and temperature according to the specification of the manufacturer.

Approval Standard • ASTM, DIN, SOLAS 74 as amended – Chapter II-1 – Reg.3.5.2 – asbestos-free compliance

Documents Test Report no.NLSH1307021478601 (CTI)– asbestos-free content, dated 2013-07-10; Certificate for Identification of asbestos fibres – analysis report no. B53867, 2011-06-10 (ESG); (continuation on page 2)

Remarks The selection of the gaskets for the corresponding application and the right installation are to be in accordance with the instructions of the manufacturer.

Valid until 2018-10-21

File No. XI.B.03

Germanischer Lloyd

Hamburg, 2013-10-22

Hanspeter Raschle

Plamen Dinkov

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Documents (continuation from page 1)

Donit Tesnit laboratory protocols for testing materials BA-U and BA-50 dated 2013-07-30;
Manufacturer's confirmation/declaration for asbestos-free content, doc-no. 2013-22;
ISO 9001:2008 cert.no. 12100/1047202, TMS/TÜV Süd;
Audit report (ISO9001:2008, ISO14001:2004), dated 2013-03-08;
Specification TESNIT® BA-U and BA-50 Standard Line;
GL Audit Report dated 2013-10-18

Germanischer Lloyd

Hamburg, 2013-10-22

Hanspeter Raschle *Plamen Dinkov*

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