



# Type Approval Certificate

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. **86 124 - 09 HH**

Company **DONIT TESNIT**  
**Cesta komandanta Staneta 38**  
**1215 Medvode, SLOVENIA**

Product Description **FLAT GASKETS**

Type **BAGL 3000**

Environmental Category **None**

Technical Data / **TECHNICAL DATA**

Range of Application

Density {DIN 28090-2}	1,7 - 1,9 [g/cm <sup>3</sup> ]
Compressibility {ASTM F 36/J}	10.0 [%]
Recovery {ASTM F 36/J}	min. 45 [%]
Permeability {DIN 3535/6-99}	max. 0,1 [mg/sm]
Thickness increase {ASTM F146}: - ASTM Fuil B, 5h/20°C	max. 15 [%]
- Oil IRM 903, 5h/150°C	max. 15 [%]

Test Standard • ASTM, DIN and other recognized test standards

Documents • Test Reports  
• Technical Data  
• Audit Report

Remarks • RANGE OF APPLICATION see page 2

Valid until **2015-01-14**

Page **1 of 2**

Type Approval Symbol



File No. **II.C.09**

Hamburg, **2010-01-14**

**Germanischer Lloyd**

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

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Page **2 of 2**

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**Germanischer Lloyd**

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Peter Gierhan

This certificate is issued on the basis of "Guidelines for the Performance of Type Approvals Part 1, Procedure".