DNV·GL

Certificate No:
TAP00001ET

TYPE EXAMINATION CERTIFICATE

This is to certify:

That the Gaskets and Sealings

with type designation(s)
FLAT GASKETS, Type TESNIT BA-R300 and TESNIT BA-R302

Issued to
Donit Tesnit, d.o.o.
Medvode, Slovenia

is found to comply with
DIN 52913
ASTM F36

Application :

Products approved by this certificate are accepted for installation on all vessels classed by DNV GL.
Temperature range:
Max. working press.: see certificate and manufacturer's instructions
Design:
Sizes:

Issued at **Hamburg** on **2018-11-15**
This Certificate is valid until **2023-11-14**.
DNV GL local station: **Koper**

for **DNV GL**

Approval Engineer: **Guido Friederich**

Olaf Drews
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.
The validity date relates to the Type Examination Certificate and not to the approval of equipment/systems installed.

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Product description

Flat gasket material
BA-R300 consisting of mineral fibers, inorganic fibres, NBR binder and wire mesh.
BA-R302 consisting of mineral fibers, inorganic fibres, NBR binder and wire mesh (reinforced).

TESNIT BA-R300 and BA-R302

Technical data	Standard	BA-R300	BA-R302	Unit
Thickness range		0,7 to 3,0	1,4 / 1,6	mm
Colour		Black	Black	
Compressibility	ASTM F36J	10	8	%
Recovery	ASTM F36J	40	45	%
Stress resistance	DIN 52913 at 175°C	46	48	N/mm^2
Stress resistance	DIN 52913 at 300°C	40	45	N/mm^2

Application

The above listed gasket material sheet type may be used under consideration of the mechanical and technical characteristics as well as physical and chemical properties for the following applications:

- Ship's piping systems, pressurized items and machinery containing e.g. the following fluids: non flammable gases, oil, fuel oil, water.

[1] The selection of the gaskets for the corresponding application and appropriate installation has to be in accordance with the instructions of the manufacturer.

Limitation / Exclusions

- Pipe lines for LNG and flammable gas systems, cryogenic fluids, cargo lines on chemical and gas tankers carrying flammable and/or noxious media, propylene oxide and mixtures of ethylene and propylene oxide.
- Steam lines

Type Examination and test documentation

Marking of product

The flat gasket shall be clearly marked with the following minimum signs:

- Manufacturer's name / label
- Gasket sheet material non asbestos
- Product type

Certificate Retention Survey

A condition for retention of the Type Approval Certificate in its validity period is that periodical assessments are successfully carried out.
The objective of the periodical assessment is to verify that the conditions for the type approval have not been altered.

- The main scope of the periodical assessment will normally include:
- Verification of the TA applicant's production and quality system w.r.t ensuring continued consistent production of the type approved products at the TA applicant's own premises and at other companies that are given the responsibility for manufacturing of the products.

- Review of the TA documentation and that this is still used as a basis for the production
- Review of possible changes to the design, the material and the performance of the product
- Verification of the product marking

END OF CERTIFICATE