

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Gasket sheet material**with type designation(s)
Tesnit BA-203(B)

Issued to

Donit Tesnit d.o.o.
Medvode, Slovenia

is found to comply with

DIN 28090-2:2014-11 Static gaskets for flange connections – Gaskets made from sheets – Part 2: Special test procedures for quality assurance
ASTM F36:15 Standard Test Method for Compressibility and Recovery of Gasket Materials
ASTM F146 Standard Test Methods for Fluid Resistance of Gasket Materials
SOLAS 1974 as amended, regulation II-1/3-5 - New installation of materials containing asbestos**Application :****Products approved by this certificate are accepted for installation on all vessels classed by DNV GL.**Issued at **Hamburg** on **2020-11-25**This Certificate is valid until **2025-11-24** .for **DNV GL**DNV GL local unit: **Rijeka**Approval Engineer: **Ana Cristina Do Carmo Insfran****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 Approval Certificate and not to the approval of equipment/systems installed.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV GL AS, its parent companies and subsidiaries as well as their officers, directors and employees ("DNV GL") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



Product description

Tesnit BA-203(B) is a gasket sheet material based on aramid fibres bonded with NBR.

Technical data ¹	Product type	
	Tesnit BA-203(B)	Unit
Thickness range	0,5 up to 3,0	mm
Color	yellow	-
Compressibility (ASTM F36)	10	(%)
Recovery (ASTM F35J)	60	(%)
Density (DIN 28090-2)	1,8	g/cm ³
Leakage (DIN 3535-6)	0,03	mg s ⁻¹ m ⁻¹
Tensile strength (ASTM F152)	8	MPa
Pressure, maximum	50	bar
Temperature Maximum ²	+220°C (peak), +180°C (continuous)	

Note¹: The specified data are for gaskets of 2 mm thickness.

Note²: The recommended temperatures and pressures applicable for different thicknesses are to be selected according manufacturer's instructions.

Application/Limitation

The above listed gasket material sheet type Tesnit BA-203(B) 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.

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

Limitations and exclusions:

Pipelines 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.

Type Approval documentation

Marking of product

The gasket sheet material Tesnit BA-203(B)[®] shall be clearly marked with the following minimum signs:

- Manufacturer's name: DONIT



Job Id: **262.1-034857-1**
Certificate No: **TAK00001YV**

- Product type: Tesnit BA-203(B)[®]
- Made in EU

Periodical assessment

For retention of the Type Approval, a DNV GL Surveyor shall perform periodical assessment as per DNVGL-CP-0338, Sec.4 to verify that the conditions for the Type Approval are complied with.

To check the validity of this certificate, please look it up in <https://approvalfinder.dnvgl.com>.