

TESNIL **BAGL 3000 E**352

- sions" of hazardous fibres itrosamines free" espond to DIN 28091-2



outstanding torque retention and thermal resistance. Corresponds to TA Luft.



In order to spread the most comprehensive knowledge of our products, our highly skilled group of experts organized in technical-service department can assist you by solving your sealing problem. If you need our help, contact us.

DONIT TESNIT



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TESNIL **BAGL 3000 E**RS **2**2

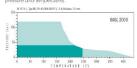
BAGL 3000 is a supreme fibre gashei material produced from a combination of aramid and glass fibres, specially selected fillers and elastomeric binders. With a usel-considered selection of all ingredients the materials free of N-nitrosamines (certified by MRPRA) and without fibres which are hazardous to human health. Additionally, when it applied a high imperatures, no emission of hazardous degradation products has been elected. Its carefully balanced composition provides exceptional thermal stability and torque retention when applied in flanged joints. BAGL 3000 is no compliance with INI 28001-2 and IS 7531 Grade X requirements.

Environment -friendly gasket material with outstanding torque retention and thermal resistance. Correspond to TA Luft.

APPLICATION
The exclusive properties of BAGI 3000, particularly its superior torque retention, enable its superior performance in high-temperature applications and when high internal pressure is applied. Additionally, superior thermal also this yearses low maintenance costs and high flange connection safety. Special surface treatment on BAGI 3000 fooliablest dismonling after use. These unique properties make BAGI 3000 a reliable choice for use in compressors and pumps. BAGI 3000 to also suitable for sealing thermal alia, fuels, Frence and gases, and for general application in pipelines, seam supply, radiators, bailers and many different flanged joints.

P-T DIAGRAM

P-T DIAGRAM
The Pressure - Temperature charts are the most current method of determining the suitability of a gasket material in a known application. Massimm figures for temperature and pressure can be misleading. Max. temperature and amaz. pressure represent maximm values and should not be used simultaneously. They are given only for guidance, since this mox. values depend not only on the type of gasket material but also con the assembly conditions. Use according to the conditions of the control of the conditions of the control of the cont



- General suitability using common installation practices under the co of chemical conscatibility.
- w unermose comparently.

 Max performers is ensured through appropriate measures for joint design and gasket installation. Consultation is recommended.

 United application area. Technical consultation is mandatory.

BASIS Composition Glass fibres, NBR

DIIN 2009 1-2	FAGT-U
Colour	Greenish blue / Green
DIMENSIO	N OF STANDARD SHEET
Sheet size*	1000 mm x 1500 mm
	1500 mm x 1500 mm
	2000 1500

Thickness Tolerance

Or BOWN APPROVALS

APPROVALS

DIN-DYGW, UDT, TARRC/MRPRA, Fire Safe

API 607, TA Luft, BAM, 85,7531 Grade X

Applied to HTB, WOL-WRAS, KTW

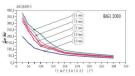
Applied to HTB,

TECHNICAL DATA

Density	DIN 28090-2	1.6 - 1.8 g/cm ³
Compressibility	ASTM F 36/J	6-12%
Recovery	ASTM F 36/J	> 55 %
Tensile strength	DIN 52910	= 9 MPa
Stress resistance	DIN 52913	
16h, 300°C, 50 MPa		= 30 MPa
16h, 175°C, 50 MPa		= 35 MPa
Thickness increase	ASTM F 146	
ASTM Fuel B, 5h, 20°C		≤ 5 %
Oil IRM 903, 5h, 150°C		≤5%
Specific leakage rate	DIN 3535/6	= 0.03 mg/(s·m)
Compression modulus:	DIN 28090-2	
 At room temperature: ε_{κολε} 		6.5 - 12.3 %
 At elevated temperature: εμπισμέρους 		7.0 - 12.0 %
Percentage creep relaxa	tion: DIN 28090-2	
 At room temperature: ε_{νων} 		> 3.5 %
At elevated temperature: E 2007C		≈ 1.2 %
 At elevated temperature 		

440°C / 824°F
350°C / 662°F
250°C / 482°F
120 bar / 1740 psi

O .. DIAGRAM



GASKET CALCULATION PROGRAM
Computer program PON demonstrates a successful tool for proper choice of gasket materials & gaskets and for solving a majority of sealing problems connected to the static sealing area.

CHEMICAL RESISTANCE CHART



Tar Tartans acid Toluene Transformer oil Trichlorethylene Water White Spirit Nylene

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Please note, failure to select the correct materials or products we supply ("the Products") may result in damage to plant, equipment or property. In some instances, it may cause death or personal injury. We are not designers and do not give advice about design related matters concerning the Products. We can help and assist with the technical specifications for the Products. In specific applications, particularly where critical conditions exist, we will try to assist you within the limitations of the services that we offer. All information supplied by us is intended as technical co-operation outlining the specifications of the different Products which we supply. To the extent permitted in law, no warranty is given in respect of any information supplied by us. The customer must satisfy themselves as to the suitability of the Products for their intended application and use. The correct fitting of Products is the responsibility of the customer. Your statutory rights remain unaffected. Save in respect of death, personal injury or fraud, our entire liability to you, however arising from the supply of Products shall be limited to the £10M indemnity amount provided by our insurers.