

## We Manufacture Gaskets

In a wide range of materials  
to all shapes and sizes.



### DONIT® TESNIT

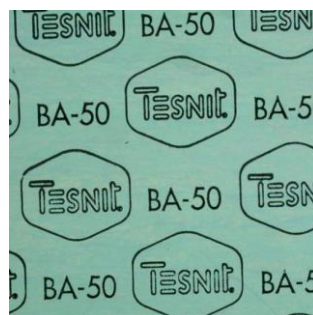


Queensland Gaskets manufacture fibre gaskets using DONIT® TESNIT high quality fibre gasket material. The materials are composed of aramid, glass, organic, inorganic or carbon fibres. The fibres are bound with NBR, SBR, CSM, CR rubber and different fillers to provide different chemical, thermal and mechanical resistance to endure at different loadings. Gaskets for even the most demanding conditions can be manufactured. Queensland Gaskets carries a wide range of DONIT® TESNIT product line in stock so you can find the perfect material to fulfil your needs.

#### BA-50

Basis: Aramid fibres, NBR

TESNIT® BA-50 has good thermal and chemical resistance, which makes it appropriate for use in a wide range of applications. TEsNIT® BA-50 is well suited for use with potable water supply and shipbuilding.



#### BA-U

Basis: Aramid fibres, NBR

TESNIT® BA-U combines very good thermal, chemical, and mechanical properties that makes TEsNIT® BA-U as a general-purpose gasket material. It is well designed for gas and potable water supplies.


TESNIT® BA-U complies with the requirements of BS 7531 Grade Y, and **AS/NZS 4020:2005**




#### OUR OFFICE

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# Queensland Gaskets

## **BAGL-3000** Basis: Glass fibres, NBR

TESNIT® BA-GL3000 combines excellent thermal and chemical resistance with outstanding mechanical properties, especially bolt torque retention. Thus, BA-GL3000 is particularly suited for gas and steam supplies, heating systems, pumps and compressors.

BAGL 3000 is in compliance with DIN 28091-2 and BS 7531 Grade X requirements.



## **BA-R** Basis: Aramid fibres, NBR, wire reinforced

TESNIT® BA-R has very good mechanical properties (resistance to high internal and surface pressure). TEsNIT® BA-R is designed for the automotive and engine-building industries.



## **BA-R302** Basis: Aramid fibres, NBR, special reinforcement

TESNIT® BA-R302 has superior thermal resistance coupled with excellent mechanical properties and blowout safety. TEsNIT® BA-R302 is designed for the most demanding high temperature applications like those within ships' engines.



## **BACF** Basis: Carbon Fibres, NBR

TESNIT® BA-CF has excellent thermal and chemical resistance to strong alkaline media. TEsNIT® BA-CF is suitable for high temperature applications, petrochemicals and for the paper and cellulose industries.


BA-CF is approved by many institutions like: DVGW, KTW, WRc, BAM, and HTB. Material also complies with the requirements of BS 7531 Grade X.



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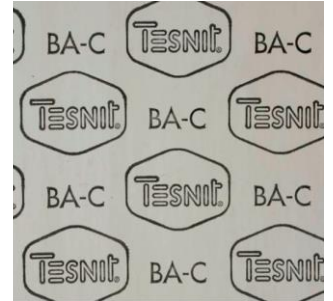
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## **BAC** Basis: Aramide fibres, CSM (Hypalon)

Gasket material with very good resistance to acids and alkaline media TESNIT® BA-C is specially developed soft gasket material for the chemical industry. The material has very good resistance to acids and alkaline media. It is also very convenient for the different aggressive media. TESNIT® BA-C finds the application in all places where the chemical resistance is the most demanding factor for sealing of extremely aggressive media in many industries.



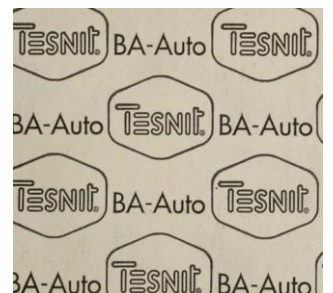
## **BAN** Basis Aramide fibres, CR (Chloroprene) (Neoprene)

TESNIT® BA-N Gasket material with extremely good resistance to cooling media especially suitable for the different media in the refrigeration industry with good general chemical resistance makes the material TESNIT® BA-N also very appropriate for general applications.



## **BA-AUTO** Basis Aramide fibres, SBR

TESNIT® BA-AUTO is soft gasket material with controlled swell properties. It is specially designed for sealing at low surface stress on rough or uneven sealing flanges. The controlled swelling of gasket material in such a case compensates the loss of specific surface pressure in application. TESNIT® BA-AUTO is widely used in automotive industry.



## **BAHF** Basis Aramide fibres, SBR/NBR/NR


Gasket material with controlled swell properties and light-to-medium loadings. Suitable material for coarse flanges and with good resistance to water, steam, air, gases, nonaggressive media.



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## GLOSSARY



Automotive and engine building industry



Chemical



Compressors and pumps



Food industry



Gas supply



General purpose



Heating systems



High temperature



Paper and cellulose industry



Petrochemical industry



Potable water supply



Power plant



Refrigeration and cooling



Shipbuilding



Steam



Valves





Water supply

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