

TYPE EXAMINATION CERTIFICATE

This is to certify:

That the Glass Fibre Products

with type designation(s)
Durlon 9002

Issued to

Triangle Fluid Controls Ltd.
Belleville ON, Canada

is found to comply with
SOLAS 1974, Ch. II-1, as amended

Application :

The gasket sheet may be used for ship´s piping systems. Limitations see page 2.

Issued at **Hamburg** on **2017-08-16**

This Certificate is valid until **2022-08-15**.

DNV GL local station: **Montreal**

for **DNV GL**

Approval Engineer: **Christian Kaemmer**

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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.



Product description

Durlon 9002 is a gasket material based on PTFE resin with inorganic filler and manufactured in compressed sheets with thicknesses 0,5 up to 6,0 mm.

Appearance:	blue colour
Filler System:	inorganic
Density:	2.2 g/cm ³
Compressibility:	8-16 %
Recovery:	40 %
Tensile stress:	13,8 MPa
Temperature:	min. -212°C, max. +271°C, for continuous operation max. +260°C
Working pressure:	103 bar max.

Above mentioned data for gaskets with 1/16" (1,6 mm).

Creep relaxation: 30 % for gaskets with 1/32" (0,8 mm) thickness.

Limitation

The gasket sheet is not permitted for cargo lines on chemical and gas tankers carrying propylene oxide and mixtures of ethylene /propylene oxide. See IBC-Code, chapter 6 & 15.

Type Examination documentation

Marking of product

Durlon 9002 Sealing Solutions

Certificate Retention Survey

For retention of the type approval certificate periodical assessments shall be carried out at production places by DNVGL surveyor. The objective of the periodical assessment is to verify that the design and production conditions for the type approval have not been altered.

Main scope of the assessment:

- verification of the production and quality control system
- review of quality control documentation of recent deliveries
- review of drawings in production to verify any design changes which may have an impact on data specified in the type approval certificate, performance and range of application
- verification of the product marking

A renewal assessment will be performed at renewal of the certificate.

END OF CERTIFICATE