



Certificate No:
TAP00002ME

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Gaskets and Sealings

with type designation(s)
Durlon 9002

Issued to

Triangle Fluid Controls Ltd.
Belleville, ON, Canada

is found to comply with

DNV rules for classification – Ships Pt.4 Ch.6 Piping systems
SOLAS 1974, Ch. II-1, as amended

Application :

Products approved by this certificate is/are accepted for installation on all vessels classed by DNV.

Temperature range:

Issued at **Hamburg** on **2022-10-21**

This Certificate is valid until **2027-10-20**.

DNV local unit: **Montreal**

for **DNV**

Approval Engineer: **Christian Kaemmer**

Sven Klinger
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 AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") 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

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

Periodical assessment

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

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