



CERTIFICATE NUMBER	24-2506128-PDA
EFFECTIVE DATE	17-Mar-2024
EXPIRY DATE	16-Mar-2029
ABS TECHNICAL OFFICE	Houston ESD - Offshore Equipment

CERTIFICATE OF Product Design Assessment

This is to certify that a representative of this Bureau did, at the request of

DURABLA CANADA LTD.

located at

293 UNIVERSITY AVENUE, , BELLEVILLE, Canada, K8N 5S3

assess design plans and data for the below listed product. This assessment is a representation by the Bureau as to the degree of compliance the design exhibits with applicable sections of the Rules. This assessment does not waive unit certification or classification procedures required by ABS Rules for products to be installed in ABS classed vessels or facilities. This certificate, by itself, does not reflect that the product is Type Approved. The scope and limitations of this assessment are detailed on the pages attached to this certificate.

Product: Gasket
Model: Durlon 8500
Endorsements:
Tier: 2 - PDA Issued

This Product Design Assessment (PDA) Certificate remains valid until 16/Mar/2029 or until the Rules and/or Standards used in the assessment are revised or until there is a design modification warranting design reassessment (whichever occurs first).

Acceptance of product is limited to the "Intended Service" details prescribed in the certificate and as per applicable Rules and Standards.

This Certificate is valid for installation of the listed product on ABS units which exist or are under contract for construction on or previous to the effective date of the ABS Rules and standards applied at the time of PDA issuance. Use of the Product for non-ABS units is subject to agreement between the manufacturer and intended client.

American Bureau Of Shipping

Mohamed C Boukamcha

Mohamed C Boukamcha, Engineer/Consultant

NOTE: This certificate evidences compliance with one or more of the Rules, Guides, standards or other criteria of ABS or a statutory, industrial or manufacturer's standards. It is issued solely for the use of ABS, its committees, its clients or other authorized entities. Any significant changes to the aforementioned product without approval from ABS will result in this certificate becoming null and void. This certificate is governed by ABS Rules 1-1-A3/5.9 Terms and Conditions of the Request for Product Type Approval and Agreement (2010)

DURABLA CANADA LTD.

293 UNIVERSITY AVENUE

BELLEVILLE ONTARIO

Canada K8N 5S3

Telephone: 613-966-1442

Fax: 613-966-1572

Email: cnorton@durabla.ca

Web:

Tier: 2 - PDA Issued

Product: Gasket

Model: Durlon 8500

Endorsements:

Intended Service:

Marine and Offshore Applications - Gasket for Bolted Flanges Joints.

Description:

Aramid/Inorganic with NBR Rubber Binder Compressed Non-Asbestos Gasket Material ASTM F104: F712120-A9B3E12K5L151M6

Rating:

Min. Temperature: -73°C (-100°F)

Max. Temperature: 371°C (700°F)

Max Continuous Temperature: 287°C (548°F)

Max Pressure: 103 bar (1,500 psi)

See also attached "pdf" for Durlon 8500 Spec sheet.

Service Restriction:

Unit Certification is not required for this product. If the manufacturer or purchaser request an ABS Certificate for compliance with a specification or standard, the specification or standard, including inspection standards and tolerances, must be clearly defined.

Comments:

1. The Manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product.
2. Gaskets Durlon 8500 is acceptable where "Fire Safe" requirements are specified by ABS Rules Requirements.

Notes/Drawing/Documentation:

Drawing No. -, Durlon 8500 Spec sheet, Revision: 2023/04,

Drawing No. 30326501aE/CS/26.01.17, Durlon 8500 - Fire Safe API 6FB - Certificate, Revision: 26.01.2017,

Drawing No. 3032651/b, Durlon 8500 - Fire Safe API 6FB - Test Report, Revision: January 26th, 2017.

Terms of Validity:

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STANDARDS

ABS Rules:

Rules for Conditions of Classification, 2024 Marine Vessels Rules 1A-1-4/7.7, 1A-1-A4, which covers the following: 2024 Rules for Building and classing Marine Vessels: 4-6-1/3.5, 4-6-2/9.5 vi), 4-6-2/9.13.1, 4-6-4/13.5.3, 4-7-3/1.11.1.

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Rules for Conditions of Classification, Offshore Units and Structures, 2024 Mobile Offshore Units 1B-1-4/9.7, 1B-1-A2, 1B-1-A3, which covers the following:

2024 Rules for Building and Classing Mobile Offshore Units: 4-2-1/3.5, 4-2-2/21.9, 4-2-5/3.9.2.

National:

API Std 6FB Standard for Fire Test for End Connectors, 4th Ed 2019

International:

ASTM F104-11(2020) Standard Classification System for Nonmetallic Gasket Materials

Government:

NA

EUMED:

NA

OTHERS:

NA