

# **Fire Test Report**

**API Standard 6FB, Fourth Edition, 2019**

*Performed for*

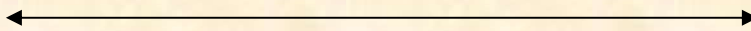
**Durlon**

**[www.durlon.com](http://www.durlon.com)**



**6 inch Class 300 Durlon 8300 Gasket  
Product Code: 6750600ABAA**

Report Number: M 324 056 1  
Test Date: April 8, 2024



*Performed by*

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**YARMOUTH RESEARCH AND TECHNOLOGY, LLC**

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**API 6FB FIRE TEST REPORT**

**Customer:** Durlon

**Report Number:** M 324 082 1

**Date:** 4/8/2024

**Product Description:** 6 inch Class 300 Durlon 8300 Gasket

**Specification:** API 6FB, Fourth Edition, 2019

Non-Bending, Type 1 Test

**Gasket Thickness:** 0.063 inches

**Seal Area OD:** 8.50 **Seal Area ID:** 6.63 inches

**Mean Seal Diameter:** 7.56 inches

**Mean Circumference:** 23.758 inches

**Allowable Leakage:** 23.8 ml/min

**Nominal Test Pressure:** 555 psig

**Nut Torque:** 200 ft-lb

**YRT Technician:** Dean Frank

**Version of YRT's FIRE-Control 6FB Software:** B

**Equipment Confirmed to be in Calibration to NIST Standards:** Yes

***Burn and Cool Down Test***

**Burn Start Time:** 9:12:00

**Burn / Cooldown Duration:** 60 minutes

**Average Pressure During Burn/Cooldown:** 568 psig

**Leak Rate During Burn/Cool Down:** 1.7 ml/min

**Allowable External Leak Rate:** 23.8 ml/min

**Amount of Time of Avg. Cal. Block > 1200 deg.:** 16.0 minutes

**Were Test Conditions Within Compliance?** Yes

**Was the Leakage Below the Allowable?** Yes

***Depressurization - Repressurization Test***

**Average Pressure During Test:** 554 psig

**Gasket Leak Rate:** 2.6 ml/min

**Allowable External Leak Rate:** 23.8 ml/min

**Was the Leakage Below the Allowable?** Yes

**Does the Gasket Pass or Fail API 6FB?** PASS

**Certified By:**



Matthew J. Wasielewski, PE

General Manager

Yarmouth Research and Technology, LLC

