

Fire Test Report

API Standard 6FB, Fourth Edition, 2019
Non-Bending, Type 2 Test (Formerly Offshore)

Performed for

Durlon

www.durlon.com



6 inch Class 300 Durlon SWG DRI – ETG
Product Code: 8690600PBRS

Report Number: M 324 142 1/1

Test Date: May 17, 2024



Performed by

YARMOUTH RESEARCH AND TECHNOLOGY, LLC

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API 6FB FIRE TEST REPORT

Customer: Durlon

Report Number: M 324 142 1/1	Date: 5/17/2024
Product Description: 6 inch Class 300 Durlon SWG DRI - ETG	
Product Code: 8690600PBRS	
Specification: API 6FB, Fourth Edition, 2019 Non-Bending, Type 2 Test (Formerly Offshore)	
Seal Area OD: 8.125	Seal Area ID: 7.125 inches
Mean Seal Diameter: 7.625	inches
Mean Circumference: 23.955	inches
Allowable Leakage: 24.0	ml/min
Nominal Test Pressure: 555	psig
Nut Torque: 270	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:	10:17:00	
Burn / Cooldown Duration:	60	minutes
Average Pressure During Burn/Cooldown:	547	psig
Leak Rate During Burn/Cool Down:	0	ml/min
Allowable External Leak Rate:	24.0	ml/min
Amount of Time of Avg. Cal. Block > 1800 deg.:	17.5	minutes
Were Test Conditions Within Compliance?	Yes	
Was the Leakage Below the Allowable?	Yes	

Depressurization - Repressurization Test

Average Pressure During Test:	541	psig
Gasket Leak Rate:	0	ml/min
Allowable External Leak Rate:	24.0	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

