Fire Test Report
API Standard 6FB, Third Edition

Performed for

JUNTAS FLEX SEAL S.R.L.

www.fseal.com

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FLEXSEAL TIGRA Flexible Graphite Sheet with SS316 0.1mm Tanged Inserted 6" Class 300

Project Number: 213160
Test Date: September 18, 2013

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Performed by

YARMOUTH RESEARCH AND TECHNOLOGY, LLC

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Yarmouth Research and Technology, LLC

API 6FB FIRE TEST REPORT

Customer:	JUNTAS FLEX SEAL S.R.L.	**Date:**	9/18/2013
Project Number:	PN213160		
Product Code:	6 inch Class 300 FLEXSEAL TIGRA Flexible Graphite Sheet		
	with SS316 0.1mm Tanged Inserted		
Specification:	API 6FB, Third Edition, Nov. 1998		
	Non-Bending, On-shore or Open-offshore Test		

Seal Area OD:	8.438	**Seal Area ID:**	6.563	inches
Mean Seal Diameter:	7.50	inches		
Mean Circumference:	23.56	inches		
Allowable Leakage:	23.56	ml/min		
Nominal Test Pressure:	555	psig		
YRT Technician:	Matthew J. Wasielewski, P.E.			

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

Equipment Confirmed to be in Calibration to NIST Standards: Yes

Burn and Cool Down Test

Burn Start Time:	14:10:00	
Burn / Cooldown Duration:	60	minutes
Average Pressure During Burn/Cooldown:	559	psig
Leak Rate During Burn/Cool Down:	0.0	ml/min
Allowable External Leak Rate:	23.6	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:	548	psig
Gasket Leak Rate:	0	ml/min
Allowable External Leak Rate:	23.6	ml/min
Was the Leakage Below the Allowable?	Yes	

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

Witnesses

Note: