

API 6FB Third Edition Fire Test Report

Performed for

Flexitallic

www.flexitallic.com



**Metric Kammprofile Gasket
316/Sigma 501 Assembly
Drawing 10789 6" 300 lbs**

**Project Number: 204109
February 2005**



Performed by

YARMOUTH RESEARCH AND TECHNOLOGY

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API 6FB FIRE TEST REPORT

Customer: Flexitallic

Date: 2/16/2005

Project Number: PN204109

Specification: API 6FB, Third Edition, Nov. 1998

Non-Bending, On-shore Test

Product Code: Metric Kammprofile 316/Sigma 501 Assembly

Seal Area OD: 9.8 Seal Area ID: 6 inches

Mean Seal Diameter: 7.90 inches

Mean Circumference: 24.8 inches

Comments: Drawing 10789 6 300#"

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:	14:01:00	
Burn / Cooldown Duration:	40	minutes
Average Pressure During Burn/Cooldown:	539	psig
Gasket Leak Rate During Burn/Cool Down:	0.0	ml/min
Allowable External Leak Rate:	25	ml/min
Amount of Time of Avg. Cal. Block > 1200 deg.:	19.8	minutes
Were Test Conditions Within Compliance?	Yes	
Was the Leakage Below the Allowable?	Yes	

Depressurization - Repressurization Test

Average Pressure During Test:	537	psig
Gasket Leak Rate:	0	ml/min
Allowable External Leak Rate:	25	ml/min
Was the Leakage Below the Allowable?	Yes	

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

Witnesses



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