

# FLAMMABILITY MATERIAL TEST CERTIFICATE

<b>Bunsen Burner Test Data Sheet</b>		<b>Test Lab: FLAME-TEK</b>		<b>Authorization: N/A</b>	
<b>PART NUMBER:</b> GF 100-22QUAD	<b>Batch#:</b> 38912B, Lot #12056	<b>Aircraft Model:</b> N/A	<b>PO#:</b> 10301	<b>Test Specimen #</b> 01	
<b>MANUFACTURER:</b> Gigaflight Connectivity, Inc.		<b>THICKNESS:</b> .190	<b>Material:</b> Wire	<b>DIRECTION:</b> N/A	
<b>MATERIAL DESCRIPTION:</b> Quality Testing of Wire				<b>Conditioning Hrs.</b> 24	

## TEST METHOD FAR 25.853

## Pass/Fail Criteria (Max Average)

Appendix F	IGNITION TIME - MATERIAL TEST POSITION	FEDERAL AVIATION REGULATION	EXTINGUISH TIME	BURN LENGTH	DRIP EXTINGUISH	BURN RATE AVG.	FLAME PENETRATION	AFTER GLOW
Part 1 (a)(1)(i)	1. 60 SECOND IGNITION - VERTICAL	FAR 25.853(a)	15 SEC (AVG)	6 IN. (AVG)	3 SEC (AVG)			
Part 1 (a)(1)(ii)	2. 12 SECOND IGNITION - VERTICAL	FAR 25.853(a)	15 SEC (AVG)	8 IN. (AVG)	5 SEC (AVG)			
Part 1 (a)(1)(iv)	3. 15 SECOND IGNITION - HORIZONTAL	FAR 25.853(a)				2.5 IN. MIN		
Part 1 (a)(1)(v)	4. 15 SECOND IGNITION - HORIZONTAL	FAR 25.853(a)				4 IN. MIN		
Part 1 (a)(2)(i)	5. 30 SECOND IGNITION - 45 DEGREE	FAR 25.853(a)	15 SEC (AVG)				NONE	10 SEC (AVG)
Part 1 (a)(3)	6. 30 SECOND IGNITION - 60 DEGREE	FAR 25.853(a)	30 SEC (AVG)	3 IN. (AVG)	3 SEC (AVG)			

## TEST RESULTS

SAMPLE NO.	TEST METHOD	EXTINGUISH TIME (SECS)	BURN LENGTH (INCHES)	DRIP EXTINGUISH TIME (SEC)	BURN TIME (SEC)	BURN RATE (IN/MIN)	AFTER GLOW (SECS)	Comment:
1	Part 1 (a)(3)	0	.8	0	30			
2	Part 1 (a)(3)	0	.8	0	30			
3	Part 1 (a)(3)	0	.8	0	30			
<b>Average</b>		0	.80	0				

Test Date: 04-11-21	Witnessed by: Brad Shelton FAA DER	Flame Temp: 1750 °F
Test Time: 6:15 P.M.	PASS <input checked="" type="checkbox"/> FAIL <input type="checkbox"/>	

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