



Fire Research & Characterisation

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Summary

The sample of Lyverscreen fabric, supplied by Solar Solve is tested in accordance with IMO A.563(14), designed to meet the requirements of the standard with the following results:

Parameter	Results	
	Weighted	Unweighted
FIRE CHARACTERISATION TEST REPORT		
Average flame height (mm)	9	4
Average flame length (mm)	90	90
Flame spread	No	200
Average heat release rate (kW)	3.4	6.1

Customer: Solar Solve Ltd.
 7 St Hilda Industrial Estate
 South Shields
 Tyne & Wear
 NE33 1RA

Material Description: Lyverscreen Fabric

Test Specification: IMO Resolution A.563(14)
 Resistance to flame of vertically supported
 textiles and films

Date: 17th May 2005



This report relates only to the specimen(s) tested and shall not be reproduced except in full without the written approval of the testing laboratory

Summary

The sample of Lyverscreen fabric, supplied by Solar Solve Ltd., submitted for testing in accordance with IMO A.563(14), detailed in this report, PASSED the requirements of the standard with the following results:-

Parameter	Results	
	Warp direction	Weft direction
Average weight per unit area of material (g)	12.11	12.10
Average Afterflame time (s)	9	5
Average Length of char (mm)	29	30
Flaming droplets	No	No
Average burn rate (mm s^{-1})	3.4	6.1

"These tests alone do not assess the fire hazard of the material, or a product made from this material, under actual fire conditions. Consequently, the results of these tests shall not be quoted in support of claims with respect to the fire hazard of the material or product under actual fire conditions. The results when used alone should only be used for research and development, quality control and material specifications."