



Textiles and Apparel Solutions Centre  
 The Warehouse, Brewery Lane, Leigh  
 Lancashire, WN7 2RJ, United Kingdom  
 Tel: +44 (0) 1942 265 700  
 Fax: +44 (0) 1942 670 788  
 www.intertek.com/consumergoods

# FLAMMABILITY TEST REPORT

Report No.: LEHTX00627057 Date Received: 26/04/12 Date Tested: 02/05/12 Date Issued: 02/05/12

**Company Name & Address:**  
 BUTE FABRICS LTD  
 4 BARONE ROAD  
 ROTHESAY  
 ISLE OF BUTE  
 PA20 0DP  
**Contact Name:** S. MCGROARTY

**Sample Details**

Description: Woven Fabric  
 Order No.: 135137 / 2946  
 Style No.: CF 785 / 2166  
 Batch No.: 25567 / 01  
 Quality: Ramshead  
 Colour: Gold  
 Supplier: Bute Upholstery  
 Fibre composition: 85% Pure New Wool, 15% Nylon  
 Sample description: Red coloured woven fabric

Test Method	Pre Treatment	Flammability performance requirements	Result
IMO Resolution A.652 (16) (Smouldering cigarette test)	None	IMO Resolution A.652 (16)	PASS
IMO Resolution A.652 (16) (Butane flame test)	None	IMO Resolution A.652 (16)	PASS

Please note: The fabric was tested over RX36110 foam as requested by the customer

*[Handwritten signature]*

STEVEN OWEN (Chemical Technologist)  
 CAROLE SPOWART (Flammability Technician)  
 ANDREW WHITE (Quality Manager)  
 SIMON CHES (Analytical Lab Manager)





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**Test Specification**  
 Test method  
 Criterion of ignition: IMO Resolution A.652 (16)  
 Ignition source 0: Calibrated Senior Service cigarette  
 Ignition source 1: Butane Gas flowing at 45ml/min @ 25°C  
 Flame application time: 20±1 seconds  
 Side tested: Face

**Filling Specification (As requested by the customer)**  
 Filling type: Polyurethane foam  
 Supplier / grade: Carpenter / RX36110 Combustion Modified  
 Size: 450 X 300 X 75mm (back) & 450 X 150 X 75mm (seat)  
 Density / Hardness: 35-37kg/m<sup>3</sup> / 105-115N

**Pre-treatment / Durability procedure**  
 None. Tested as received

**Conditioning**  
 Prior to testing: At least 72 hours in ambient indoor conditions, then at least 16 hours in an atmosphere having a temperature of 20±5°C and a relative humidity of 50±20%  
 At time of testing: Temperature between 15°C & 30°C. Relative humidity between 20% & 70%

**Test Results**  
 "The following test results relate only to the ignitability of the combinations of materials under the particular conditions of test; they are not intended as a means of assessing the full potential fire hazard of the materials in use"

Smouldering cigarette test 1:	The cigarette burnt out within 22 minutes, there was no flaming or progressive smouldering. (Pass)
Smouldering cigarette test 2:	The cigarette burnt out within 22 minutes, there was no flaming or progressive smouldering. (Pass)
Butane flame test 1:	The cigarette failed to burn its complete length, there was no flaming or progressive smouldering. (Pass)
Butane flame test 2:	The cigarette failed to burn its complete length, there was no flaming or progressive smouldering. (Pass)

**Conclusions**  
 When tested over RX36110 foam (as requested by the customer) the sample meets the flammability performance requirements of the smouldering cigarette test in IMO Resolution A.652 (16). **PASS.**  
 When tested over RX36110 foam (as requested by the customer) the sample meets the flammability performance requirements of the butane flame test in IMO Resolution A.652 (16). **PASS.**

