

TEXTILE TESTING LABORATORY

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TEST REPORT
No. 217 - 10 E

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Customer

**UAB "3T-Transfers Technologies for
Textile"**
Tuskulėnų g. 54-10
Vilnius
Lithuania

Identification and description of the samples:

Identification code of sample given by laboratory	Description	Data declared by customer
2217 - 10	Dark blue colour woven fabric covered with silver colour film	Fabric designed for firefighters clothes

For testing presented: 6 pieces of woven fabric, approximately each of (18 x 22) cm.

Sampling:

The samples were selected by customer. There is no information about the sampling method.

Date of receipt: 2010 08 24

Date of performance of tests: 2010 08 26

Required test:

1) limited flame spread

LST EN ISO 15025: 2006

The results contained in this report only refer to the tested items.

A partial reproduction of this report must be authorized by the Textiles Testing Laboratory of LTI.

Issue date 2010 08 26	<i>Formalized by:</i> Engineer of LTI Textiles Testing Laboratory Sandra Varnaitė	<i>Authorized by:</i> Quality Manager of LTI Textiles Testing Laboratory dr. Julija Baltušnikaitė
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TEXTILE TESTING LABORATORY**LIMITED FLAME SPREAD**

Tested sample:	2217 – 10
Test method:	LST EN ISO 15025: 2006 (Procedure A – surface ignition)
Test conditions:	
Apparatus:	RHOBURN MODEL 480 flammability tester
Pre-treatment (washing):	washing and drying procedures carried out according to LST EN ISO 6330: 2002, with amendment LST EN ISO 6330:2002/A1:2009, washing procedure 2A , drying procedure E - tumble dry , 5 washing cycles.
The type of gas:	butane – propane mixture
Number of test specimens:	four specimens
Size of each test specimen:	(200 x 160) mm
Flame height:	(25 ± 2) mm
Flame application time:	10 s
Surface tested:	silver colour film (according to an agreement with customer, the test was carried out only with silver colour side of fabric)

Conditioning of samples – standard atmospheres: temperature is (20±2) °C, relative humidity is (65±4) % (according to LST EN ISO 139: 2006).

RESULTS

- 1) the test specimen is not flaming neither from the upper edge nor vertical edge;
- 2) there is no afterflame after the ignition source has been removed, because the test specimens are not flaming;
- 3) there test specimen is not glowing after the ignition source has been removed;
- 4) there is no debris, there are left black colour burned areas. Approximate dimension of the burned area (44,3 x 14,3), mm
- 5) the hole has not occurred.

Samples of knitted fabrics
identification code 2217 – 10



Quality Manager of LTI Textiles
Testing Laboratory
dr. Julija Baltušnikaitė

