

SHANGHAI XM GROUP LTD
 ROOM 2403, ZHONGYI INTERNATIONAL BUSINESS BUILDING NO.1833, NORTH ZHONGSHAN ROAD,
 PUTUO DISTRICT, SHANGHAI

The following sample(s) was/were submitted and identified on behalf of the client as:

Sample Description : Woven fabric: 98% polyester 2% antistatic 300DX300D FR PU-milky 250gsm in dark navy (XMT-18-75-YDT oxford250 FR) (after 25 washes)

Proposed Care Instruction : 

Test Performed : Selected test(s) as requested by applicant

Sample Receiving Date : Jul 26, 2018

Testing Period : Jul 26, 2018 - Jul 31, 2018

Test Result(s) : Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. For further details, please refer to the following page(s).

Signed for and on behalf of
 SGS-CSTC Standards Technical Services (Shanghai) Co. Ltd

Hattie Chen

Hattie Chen
 Account Executive



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Test Result

Protective clothing- Protection against flame- Limited flame spread materials, material assemblies and clothing

(Ref.EN ISO 14116:2015, Clause 6.1 & Clause 7 / ISO 15025:2016, Procedure A)

Fabric Sample

1. As received

Fabric

Specimen	Lengthwise			Widthwise		
	1	2	3	1	2	3
Afterflame time (s)	NIL	NIL	NIL	NIL	NIL	NIL
Afterglow time (s)	NIL	NIL	NIL	NIL	NIL	NIL
Any flame to reach the upper or either vertical edge	N	N	N	N	N	N
Flaming or molten debris	N	N	N	N	N	N
Hole formation(≥5mm)	Y	Y	Y	Y	Y	Y

Remarks: Y: yes; N: no; N/A: not applicable

Classification:

1) Requirements for limited flame spread index 1:

- a) Afterglow time shall be ≤2s.
- b) No specimen shall give flaming or molten debris.
- c) No specimen shall permit any part of the lowest boundary of any flame or the boundary of any hole to reach the upper or either vertical edge.

2) Requirements for limited flame spread index 2:

- a) Afterglow time shall be ≤2s.
- b) No specimen shall give flaming or molten debris.
- c) No specimen shall permit any part of the lowest boundary of any flame to reach the upper or either vertical edge.
- d) No specimen shall give hole formation of 5mm or greater in any direction, except for an interlining that is used for specific protection other than flame protection.

3) Requirements for limited flame spread index 3:

- a) Afterflame time shall be ≤2s.
- b) Afterglow time shall be ≤2s.
- c) No specimen shall give flaming or molten debris.
- d) No specimen shall permit any part of the lowest boundary of any flame to reach the upper or either vertical edge.
- e) No specimen shall give hole formation of 5mm or greater in any direction, except for an interlining that is used for specific protection other than flame protection.

Note 1: For covered hardware, it shall be verified that the closure system can be opened at least once.
Note 2: For exposed hardware, the hole formation and the spread of flame to the outer vertical edge or lower edge of the hardware do not apply.
Note 3: Not applicable for labels, embroideries, or other added decorations with a surface area of less than 10 cm².



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Conditioning: Specimens other than leather shall be conditioned for at least 24 h in (20±2) °C and (65±5) %RH.
Testing shall be carried out within 5 min of removal from this atmosphere.

Type of ignition: Procedure A: Surface ignition

Flame application time: 10 seconds

*** End of Report ***



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