

LANXI JOEN FIBERGLASS CO., LTD

INTERNATIONAL TRADE INDUSTRIAL AND FUNCTIONAL ZONE, MEIJIANG TOWN, LANXI,
ZHEJIANG, CHINA

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

Sample Description: FIBERGLASS FIRE BLANKET

Test Requested:

ASTM F 1989-2005 Standard Specification for Cooking Fire Suppression Blankets.

Test Results: -- See attached sheet --

Test Period:

Sample Receiving Date : DEC.24, 2013

Test Performing Date : DEC.24, 2013 TO JAN.14, 2014

Signed for and on behalf of
SGS-CSTC Co., Ltd.



Allen Zou
Technical Supervisor

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I. Test conducted

This test was performed in accordance with ASTM F 1989-2005 Standard Specification for Cooking Fire Suppression Blankets.

II. Sample details

General description	FIBERGLASS FIRE BLANKET
Color	White
Weight	1kg

	Temperature (°C)	Humidity (%)	Duration(h)
Precondition	20 ± 5	60 ± 10	48

III. Test results

Item No.	Requirements	Result	Comment
Section 3, Physical Properties			
Clause 3.1 Size and Shape	Cooking fire suppression blankets shall be rectangular or square, with no edge less than 0.91 ± 0.05 m (36 ± 2 in.)	Size:1.2×1.8	M
Clause 3.2 Mass	Cooking fire suppression blankets shall have a mass not exceeding 2 kg (4.4 lb).	Weight: 1kg	M
Clause 3.3 Hand Holding Devices:	<p>Clause 3.3.1 Hand holding devices, if provided, shall consist of sewn in straps on both sides of the blanket to facilitate quick release. The strap length shall not be less than 100 mm (3.9 in.) or more than 200 mm (7.8 in.) in length, and easily grasped and released when applying the blanket over a cooking fire. The straps may be made of any high strength material and shall be of contrasting color from the blanket itself.</p> <p>Clause 3.3.2 Attention shall be paid to the design of any holding device to ensure ease of handling and hand release.</p>	Length: 175mm	M

To be continued....

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Item No.	Requirements	Result	Comment
Clause 5.2 Fire Blanket Container	The cooking fire suppression blanket shall be packaged in such a manner that it is instantly identifiable for what it is and for instant removal in the event of an accidental cooking fire. There is no restriction on the means of packaging the blanket, but every container should be capable of either being installed on the kitchen walls or placed on countertops in the proximity of the cooking area and meet ease of removal criteria noted in 4.3.2	M	M
Clause 5.3 Shipping or Instruction Sheet	Each shipping container, or instruction sheet, for fixing near to the storage position of the fire blanket, shall be marked with the following: 5.3.1 The words fire blanket on the front, 5.3.2 Instructions for use and mounting, preferably incorporating pictograms on the front, 5.3.3 Minimum time for removal from the fire of 20 min, 5.3.4 The manufacturer's or vendor's name and address, 5.3.5 The model or other identification of the fire blanket, 5.3.6 The size of the fire blanket, cooking fire suppression blankets shall be rectangular or square, with no edge less than 0.91 ± 0.05 m (36 ± 2 in.), 5.3.7 Indication that the fire blanket is not reusable and should be discarded after use, 5.3.8 Checking, maintenance and servicing instructions, including when to discard if damaged or contaminated, and 5.3.9 The designation and date of this ASTM specification.	M	M

Remark: */** Details see the below table.

Appendix 1, Clause 4.4 Electrical Resistance Test

Specimen No.	#4(a)	#5(b)	#6(a)
Min electrical resistance (MΩ)	>1 MΩ	>1 MΩ	>1 MΩ

To be continued....

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Appendix 2, Clause 4.5 Fire performance test

4.5.1 Volatile Liquid Test Fires			
Specimen No.	#1(a)	#2(b)	#3(a)
Whether fire blanket remain whole or not during the test (Yes/No)	Yes	Yes	Yes
Whether fire blanket ignite or not during the test (Yes/No)	No	No	No
Whether or not extinguishing the volatile liquid fire (Yes/No) ¹⁾	Yes	Yes	Yes
Whether or not fuel remain at the end of the test (Yes/No)	Yes	Yes	Yes

4.5.2 Home Cooking Fire			
Specimen No.	#7(a)	#8(b)	#9(a)
Whether fire blanket remain whole or not during the test (Yes/No)	Yes	Yes	Yes
Whether fire blanket ignite or not during the test (Yes/No)	No	No	No
Whether or not extinguishing the cooking oil fire (Yes/No) ¹⁾	Yes	Yes	Yes
Whether or not fuel remain at the end of the test (Yes/No)	Yes	Yes	Yes

4.5.3 Cooking Oil Test Fires			
Specimen No.	#4(a)	#5(b)	#6(a)
Whether fire blanket remain whole or not during the test (Yes/No)	Yes	Yes	Yes
Whether fire blanket ignite or not during the test (Yes/No)	No	No	No
Whether or not extinguishing the cooking oil fire (Yes/No) ²⁾	Yes	Yes	Yes
Whether or not fuel remain at the end of the test (Yes/No)	Yes	Yes	Yes

To be continued....

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Note:

- 1) The fire is considered to be extinguished if no flames are visible 3 min after ignition.
- 2) The fire is considered to be extinguished if there are no visible flames 17 min after ignition

Warning:

- 3) This specification **does not apply** to cooking fire suppression blankets that: are made from asbestos; have sides of differing appearance, finish or color; have a performance that differs according to which side is used; or, are of metallic construction or component.
- 4) The safety hazards caveat pertains only to the test methods portion of ASTM F1989, Section 4: This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

Photo Appendix:



End of Report

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