



## STC Test Report

Date: 2008-03-21

Page 1 of 3  
(DUPLICATE)

No: ST101811

**Applicant(Code: KED021)** : Shanghai King Tech Industry Co., Ltd.  
388 Fulian 3<sup>rd</sup> Road, Shanghai.

Attn: Dennis Yang

**Description of Sample(s)** : One (1) piece of submitted sample said to be  
KT8004 Reflective tape F.R. grade  
Style No.: KT8004

**Date Sample(s) Received** : 2008-03-17

**Date Tested** : 2008-03-17 to 2008-03-21

**Investigation Requested** : Selected test(s) as detailed herein.

**Conclusions** : The submitted sample was classified limited flamed spread  
index 1 of EN 533:1997 at initial stage.

  
CHEN Lei, Lily



Textile and Materials Department  
For and on behalf of  
STC(Shanghai) Company Limited

**STC (Shanghai) Company Limited**

4 Fl., Building C North, No. 787 Xiehe Rd., Shanghai, China. Zip: 200335  
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Page 2 of 3  
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### TEST RESULTS:

#### 1. Protective clothing - protection against heat and flame

Ref: EN 533:1997;EN 532:1994

Test conditions:

Number of specimens tested: 3 in each direction.

Conditioning of specimens: 21°C, 65% R.H.

Test atmosphere: 21°C, 47% RH, wind speed < 0.2m/s

Flame application time:10 seconds

	<u>Lengthwise</u>			<u>Widthwise</u>		
	<u>Trial 1</u>	<u>Trial 2</u>	<u>Trial 3</u>	<u>Trial 1</u>	<u>Trial 2</u>	<u>Trial 3</u>
<u>Before Pretreatment</u>						
Flaming to the upper or either vertical edge	N.O.	N.O.	N.O.	N.O.	N.O.	N.O.
Hole formation	N.O.	N.O.	N.O.	N.O.	N.O.	N.O.
Hole to the upper or either vertical edge	N.O.	N.O.	N.O.	N.O.	N.O.	N.O.
Flaming or molten debris	N.O.	N.O.	N.O.	N.O.	N.O.	N.O.
Any afterglow shall not spread from The carbonized area to the undamaged area after the cessation of flaming	N.O.	N.O.	N.O.	N.O.	N.O.	N.O.
Afterflame time (Sec)	Nil	Nil	Nil	Nil	Nil	Nil
Afterglow time (Sec)	Nil	Nil	Nil	Nil	Nil	Nil

Note: N.O. : Not observed

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Page 3 of 3  
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### Requirements for limited flame spread index 1:

- No specimen shall permit any part of the lowest boundary of any flame or hole to reach the upper or either vertical edge.
- No specimen shall give flaming debris.
- Any afterglow shall not spread from The carbonized area to the undamaged area after the cessation of flaming.

### Requirements for limited flame spread index 2:

- No specimen shall permit any part of the lowest boundary of any flame or hole to reach the upper or either vertical edge.
- No specimen shall give flaming debris.
- Any afterglow shall not spread from The carbonized area to the undamaged area after the cessation of flaming
- No specimen shall give hole formation.

### Requirements for limited flame spread index 3:

- No specimen shall permit any part of the lowest boundary of any flame or hole to reach the upper or either vertical edge.
- No specimen shall give flaming debris.
- Any afterglow shall not spread from the carbonized area to the undamaged area after the cessation of flaming
- No specimen shall give hole formation.
- The mean afterflame time of any set of six specimens shall not exceed 2 s.

**\*\*\*\*\* End of Test Report \*\*\*\*\***

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