



## Test Report

No. 3482455/TX

Date : Mar 31 2010

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VICSA SAFETY S.A.  
PINTOR CICARELLI NO 683,  
SAN JOAQUIN  
SANTIAGO,  
CHILE

The following sample was submitted and identified on behalf of the buyer as:

One sample of reflective tape in silver for industrial garments.

Buyer	:	RFX		
Style Number	:	Reflective vest		
Sample Receiving Date	:	Mar 26, 2010		
Test Performing Period	:	Mar 26 – Mar 31, 2010		
Test Performed	:	Selected test(s) as requested by applicant. (details please refer to result page(s))		
	*	*	*	*
Test Results	:	Please refer to the next page(s).		

Tested sample returned to applicant

Signed for and on behalf of  
SGS Hong Kong Ltd.

Chan Hing Leung

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Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

**Test Results :**

**American National Standard for High-Visibility Safety Apparel and Headwear  
(ANSI/ISEA 107-2010)**

**Retroreflective Material, Level 2**

<b>PHOTOMETRIC PERFORMANCE REQUIREMENTS</b>					
Take measurements at $\epsilon_1 = 0^\circ$ and $\epsilon_2 = 90^\circ$ . Record maximum value on left side of test result column and the other value on right side of test result column.					
<b>ANSI/ISEA 107 Requirement Section 8.1, Table 4</b>			<b>Test Result cd/(lx·m<sup>2</sup>)</b>		<b>Pass/ Fail</b>
Observation Angle	Entrance Angle	Minimum cd/(lx·m <sup>2</sup> )			
12' (0.2°)	5°	330 / 248	408	403	Pass
	20°	290 / 218	432	429	Pass
	30°	180 / 135	466	442	Pass
	40°	65 / 47	444	416	Pass
20' (0.33°)	5°	250 / 188	357	348	Pass
	20°	200 / 150	376	365	Pass
	30°	170 / 128	403	390	Pass
	40°	60 / 45	401	361	Pass
1.0°	5°	25 / 18.8	29.6	29.4	Pass
	20°	15 / 11.3	29.9	29.2	Pass
	30°	12 / 9	35.8	34.8	Pass
	40°	10 / 7.5	37.7	35.9	Pass
1.5°	5°	10 / 7.5	16.5	16.3	Pass
	20°	7 / 5.25	17.3	17.1	Pass
	30°	5 / 3.75	19.1	18.2	Pass
	40°	4 / 3	18.2	16.1	Pass

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

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