

XM TEXTILES

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 : Reflective tape: 100%polyester R480 high grade(6002-H) in grey
Test Performed : Selected test(s) as requested by applicant
* * * * *
Sample Receiving Date : May 13, 2014
Testing Period : May 13, 2014 TO May 28, 2014
Test Result(s) : For further details, please refer to the following page(s).

Signed for and on behalf of
SGS-CSTC Ltd.



Tina Xi
Account Executive



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Test Result

**High-visibility clothing – Test methods and requirements
(EN ISO 20471:2013)**

Sections 6.1 and 7.3 Retroreflection for New Separate Performance Retroreflective Material

<u>Entrance Angle</u>	<u>Observation Angle</u>	<u>Measured value (cd/(lx.m²))</u>	<u>Minimum Requirement (cd/(lx.m²))</u>	<u>Result</u>
5°	12'	577	330	Pass
	20'	394	250	Pass
	1°	32	25	Pass
	1°30'	16	10	Pass
20°	12'	560	290	Pass
	20'	388	200	Pass
	1°	34	15	Pass
	1°30'	16	7	Pass
30°	12'	565	180	Pass
	20'	392	170	Pass
	1°	38	12	Pass
	1°30'	16	5	Pass
40°	12'	536	65	Pass
	20'	333	60	Pass
	1°	38	10	Pass
	1°30'	15	4	Pass



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Retroreflection of Separate Performance Retroreflective Materials

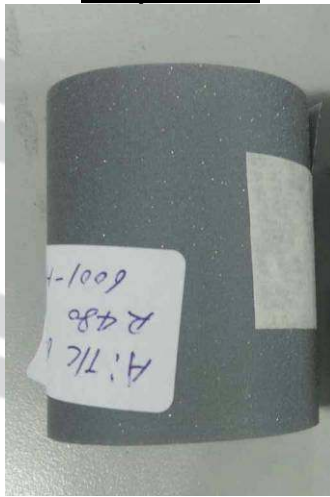
7.5 Retroreflection after Washing

After 25 washes

Washing Procedure: ISO 6330:2012 Procedure No. 6N; Using horizontal axis, front-loading type machine: Machine wash at 60 degree C with 2 kg total dry mass (type III(100% polyester) ballast +specimen) and 'ECE' detergent + sodium perborate + TAED, tumble dry less than 80 degree C)

<u>Entrance Angle</u>	<u>Observation Angle</u>	<u>Measured value (cd/(lx.m²))</u>	<u>Minimum Requirement (cd/(lx.m²))</u>	<u>Result</u>
5°	12'	369	100	Pass

Sample Photo



*** End of Report ***



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