

Certificate of Test



For XM Textiles
Room 2201-2202 Wisdom Cube Plaza
18 Shunyi Road
Shanghai
China

Our reference: SPC0209353/1246

Date 20th December 2012

Product Retro-reflective material referenced XM-6011 MALTA

Test Data EN 471:2003+A1:2007 requirements clauses:-

6.1	Tables 4 & 5 Retro-reflective combined performance of new material	PASS - Level 2
6.2	Table 7 – retro-reflective performance after test exposure	
	Abrasion	PASS
	Flexing	PASS
	Folding at cold temperature	PASS
	Temperature variation	PASS
	Domestic washing @ 60°C 5 cycles (ISO6330, method 2A)	PASS
	Influence of rainfall	PASS

Flammability performance EN 469: 2005 requirements clause:-

6.1, Annex B.3.2 (Flame spread as received)	PASS
6.1, Annex B.3.2 (Flame spread after wash 60°C x 5 cycles)	PASS
6.5, Annex B.3.1 (Heat resistance)	PASS

BS EN 533:1997 Limited Flame Spread PASS, Index 3

Description Retro-reflective separate performance material

The following test reports provides full details of test data:

SPC0209353/1246 and SPC0209203/1245

Report date

Tests marked † fall outside the UKAS Accreditation Schedule for SATRA.
All interpretations are outside the scope of UKAS
Accreditation and are based on SATRA experience.

SIGNATURE

20th December 2012

This report is designed to indicate the performance of the sample tested by SATRA.
SATRA have not approved the on-going quality control. It is the responsibility of
purchasers to satisfy themselves that other production batches perform similarly.

P J Doughty
PPE Technologist
Safety Products Centre

