

Test №: XM-302

Item no: **XM-6005B**
Silver Reflective fabric (T/C)
Roll size: width: 0.05 X100 meters /roll
Description: Specially for safety vest, smock, raincoat, sportswear
Qualified: EN471 class 2
Quality :(Item no:XM-6005B) 35% Cotton, 65% Polyester

Retroreflective performance:

Initial Retroreflective performance coefficient in CD/ LUX. M2

Product	XM-6005B Silver Reflective fabric (TC)							
Observation	Entrance Angle							
Angle	5		20		30		40	
	Survey	Standard	Survey	Standard	Survey	Standard	Survey	Standard
12'	534	≥330	492	≥290	478	≥180	422	≥65
20'	389	≥250	354	≥200	327	≥170	294	≥60
1°	37	≥25	32	≥15	29	≥12	23	≥10
1°30'	23	≥10	21	≥7	20	≥5	20	≥4

Wash performance

According to EN471, coefficient of retro-reflection R shall exceed 100 cd/(lx m²) measured at observation angle 12' and entrance angle 5° after washing.

Retro reflection performance after washing (The temperature of 60 degrees)					
Washing Circles	5	10	15	20	25
Retro-reflection cd/(lx m ²)	505	479	450	426	412
Washing Circles	30	35	40	45	50
Retro-reflection cd/(lx m ²)	395	371	352	350	338
Washing Circles	60	70	80	90	100
Retro-reflection cd/(lx m ²)	312	293	281	224	203

Retro reflection performance after washing (The temperature of 90 degrees)					
Washing Circles	5	10	15	20	25
Retro-reflection cd/(lx m ²)	495	430	393	367	311

Washing Circles	30	35			
Retro-reflection cd/(lx m ²)	300	267			

Test of Retro reflection meets the requirement of EN471

After 100 times washing (60 degrees), no Breakage, detachment, discoloration Dry Cleaning Performance

After 35 times washing (90 degrees), no Breakage, detachment, discoloration Dry Cleaning Performance

Lot number: 055-062014

TEST DATE 09.06.2014

