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

Retroreflective performance:

Initial Retroreflective performance coefficient in CD/ LUX. M2

Product	XM-6005B Silver Reflective fabric (TC)							
Observation	Entrance Angle (入射角)							
Angle	5		20		30		40	
(观测角)	Survey (测量值)	Standard (标准值)	Survey (测量值)	Standard (标准值)	Survey (测量值)	Standard (标准值)	Survey (测量值)	Standard (标准值)
12'	498	≥330	490	≥290	476	≥180	416	≥65
20'	319	≥250	322	≥200	307	≥170	284	≥60
1°	57	≥25	58	≥15	54	≥12	52	≥10
1°30'	23	≥10	25	≥7	25	≥5	21.5	≥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)	485	465	448	422	410
Washing Circles	30	35	40	45	50
Retro-reflection cd/(lx m ²)	402	385	365	352	340
Washing Circles	60	70	80	90	100
Retro-reflection cd/(lx m ²)	322	303	288	255	220

Retro reflection performance after washing (The temperature of 90 degrees)					
Washing Circles	5	10	15	20	25
Retro-reflection cd/(lx m ²)	462	420	392	363	320
Washing Circles	30	35	40	45	50
Retro-reflection cd/(lx m ²)	308	287	265	255	230

Test of Retro reflection meets the requirement of EN471

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

After 50 times washing (90 degrees) , no Breakage, detachment,
discoloration Dry Cleaning Performance

5.High and low temperature performance

After high and low temperature test , maintain its original function

Lot number #941-122012

TEST DATE 2012.12.12