



XM Textiles  
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Item no: XM-6024  
 High Reflective Polyester Fabric,  $R \geq 380 \text{cd}/(\text{lx m}^2)$   
 Roll size: 0.05 X100 meters /roll  
 Description: Specially for High Vis clothing, Protecting clothing  
 Qualified: EN20471 class 2  
 Quality: Grossgrain Reflective Ribbon - 100% Polyester

**Retroreflective performance:**

Initial Retroreflective performance coefficient in CD/ LUX.  $\text{M}^2$

Product	XM-6024 High Reflective Polyester Fabric							
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'	456	$\geq 250$	420	$\geq 220$	360	$\geq 135$	270	$\geq 50$
20'	360	$\geq 120$	330	$\geq 100$	290	$\geq 75$	220	$\geq 30$
1°	37	$\geq 25$	34	$\geq 15$	34	$\geq 12$	31	$\geq 10$
1°30'	24	$\geq 10$	23	$\geq 7$	19	$\geq 5$	18	$\geq 4$

**Wash performance**

According to EN471, coefficient of retro-reflection R shall exceed  $100 \text{cd}/(\text{lx m}^2)$  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	27
Retro-reflection $\text{cd}/(\text{lx m}^2)$	417	385	322	276	220

Test of Retro reflection meets the requirement of EN471  
 After 25 times washing (60 degrees), no Breakage, detachment, discoloration Dry Cleaning Performance  
 High and low temperature performance  
 After high and low temperature test, maintain its original function