


Item Code: D6102

Color: Silver

Fabric Backing: 100% polyester

Thickness: 140 $\mu\text{m}\pm5\mu\text{m}$
Weight: 230 $\pm10\text{GSM}$
Standard Size: 130cm x 50m, 5cm x 100m, 3.8cm x 100m,
2.5cm x 100m

Composition: 45% glass beads, 28% Resin, 24% backing
fabric, 3% others.

RETRO-REFLECTIVE PERFORMANCE

Minimum Initial coefficient of retro-reflection in cd/lux $\cdot\text{m}^2$ and testing results by TUV, SATRA or CALCOAST

Entrance angle Observation angle	5°		20°		30°		40°	
	Class II	Results						
12'	330	410	290	405	180	370	65	220
20'	250	280	200	290	170	294	60	165
1°	25	35	15	34.4	12	33	10	18
1°30'	10	18.1	7	16.5	5	12.4	4	14

Retro-reflective performance after test exposure

Coefficient(cd/lux $\cdot\text{m}^2$)		Standard Requires : cd/lux $\cdot\text{m}^2$
After Abrasion	360	ANSI/ISEA107-2010 9.4.1; EN530:1995 Method 2(wool Abrade / 5000cycles / 9kpa)
After flexing	390	ANSI/ISEA107-2010 9.4.2; ISO 7854: 1997 Method A(7500Cycles)
After folding at cold temperature	400	ANSI/ISEA 107-2010 9.4.3; ISO 4675:1990(-20°C)
After temperature variation	400	ANSI/ISEA 107-2010 9.4.4 12 Hours, 50°C/20 Hours, -30°C/ Minimum 2 Hours, 20°C
After washing	300	ANSI/ISEA 107-2010 9.4.5.2 ISO 6330 Method 2A—25cycles
After dry cleaning	310	ANSI/ISEA 107-2010 9.4.5.3 ISO 3175:1998 Method 9.1—5cycles



Certificates	Certificate Specifications
OEKO-Tex standard 100	Class II (Articles within direct contact to skin)

DOMESTIC WASHING

Washer: Standard House washing machine
Temperature: 40-60°C
Detergent: Neutral detergent (PH : 7)
Ironing: Not recommended
Bleaching: Not recommended

INDUSTRIAL WASH

Industrial wash: Not Recommended
Tunnel Drying: Not Recommended
Tumble dry: Not Recommended
Ironing: Not Recommended

APPLICATION INSTRUCTIONS (Important)

Sewing on: About 2mm should be left between sewing line and edge.

Less than 5 stitches per centimeter
Recommend to use 100% polyester thread

STORAGE:

Store in a cool place free of moisture, dry area and use within 1 year of receipt. Rolls should be stored in their original cartons, whilst partially used rolls should be returned to their carton. The retro-reflective performance of all reflective materials is affected by soiling. Any kind of dirt, such as liquid chemicals, greases and alike will reduce brightness in the area of contamination. For specific guidance contact your DM representative

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