



SILVER REFLECTIVE TAPE D6101



Item Code: D6101

Color: Silver

Fabric Backing: 65% polyester / 35% cotton

Thickness: 230 μ m \pm 10 μ m

Weight: 305 \pm 15GSM

Standard Size: 130cm x 50m, 5cm x 100m, 3.8cm x 100m, 2.5cm x 100m

Composition: 40% glass beads, 27% Resin, 30% backing fabric, 3% others.

RETRO-REFLECTIVE PERFORMANCE

Minimum Initial coefficient of retro-reflection in cd/lux·m² and testing results by TUV, SATRA or CALCOAST

Entrance angle \ Observation angle	5°		20°		30°		40°	
	Class II	Results						
12'	330	428	290	433	180	373	65	223
20'	250	292	200	290	170	268	60	184
1°	25	37	15	38	12	35	10	18.5
1°30'	10	18.8	7	17.2	5	17.3	4	16.2

Retro-reflective performance after test exposure

Coefficient(cd/lux·m ²)	Standard Requires : cd/lux·m ²
After Abrasion	422 ANSI/ISEA107-2010 9.4.1; EN530:1995 Method 2(wool Abrade / 5000cycles / 9kpa)
After flexing	399 ANSI/ISEA107-2010 9.4.2; ISO 7854: 1997 Method A(7500Cycles)
After folding at cold temperature	423 ANSI/ISEA 107-2010 9.4.3; ISO 4675:1990(-20°C)
After temperature variation	427 ANSI/ISEA 107-2010 9.4.4 12 Hours, 50°C/20 Hours, -30°C/ Minimum 2 Hours, 20°C
After washing	359 ANSI/ISEA 107-2010 9.4.5.2 ISO 6330 Method 2A—30 cycles
After dry cleaning	473 ANSI/ISEA 107-2010 9.4.5.3 ISO 3175:1998 Method 9.1—5cycles

TECHNICAL DATA SHEET



Certificates	Certificate Specifications
OEKO-Tex standard 100	Class II (Articles within direct contact to skin)
EN ISO 20471	Class I
ANSI/ISEA 107	CLASS II

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