


Item Code: D1901

Color: Silver

Fabric Backing: 100% Aramid

Thickness: 330 μ ±15 μ
Weight: 380±15GSM

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

Composition: 32% glass beads, 28% Resin, 35% backing
fabric, 5% 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	500	290	487	180	442	65	284
20'	250	292	200	318	170	302	60	223
1°	25	43	15	50	12	55	10	47
1°30'	10	18	7	14	5	18	4	25

Retro-reflective performance after test exposure

Coefficient(cd/lux·m ²)		Standard Requires : cd/lux·m ²
After Abrasion	456	ANSI/ISEA107-2010 9.4.1; EN530:1995 Method 2(wool Abrade / 5000cycles / 9kpa)
After flexing	451	ANSI/ISEA107-2010 9.4.2; ISO 7854: 1997 Method A(7500Cycles)
After folding at cold temperature	418	ANSI/ISEA 107-2010 9.4.3; ISO 4675:1990(-20°C)
After temperature variation	346	ANSI/ISEA 107-2010 9.4.4 12 Hours, 50°C/20 Hours, -30°C/ Minimum 2 Hours, 20°C
After washing	301	ANSI/ISEA 107-2010 9.4.5.2 ISO 6330 Method 2A
After dry cleaning	320	ANSI/ISEA 107-2010 9.4.5.3 ISO 3175:1998 Method 9.1



Certificates	Certificate Specifications
OEKO-Tex standard 100	Class I(Articles within direct contact to skin)
EN ISO 20471	Class II
ANSI/ISEA 107-2010	CLASS I &CLASS II
NFPA	NFPA2112
EN469	EN469 INDEX 3
EN ISO 11612	EN ISO 11612

DOMESTIC WASHING

Washer: Standard House washing machine
 Temperature: 40-60°C
 Detergent: Neutral detergent (PH : 7)
 Ironing: Not recommended. If needed, Medium iron but not steam.
 Bleaching: Not recommended

INDUSTRIAL WASH

Industrial wash: Max temperature 75 °C
 Tunnel Drying: Tunnel input temperature should not exceed 100°C
 Tumble dry: Max exhaust temperature should not exceed 90°C
 Ironing: Not recommended. If needed, Medium iron but not steam.

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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