



## INDUSTRIAL WASHING HEAT TRANSFER FILM D4120



**Item Code:** D4120

**Color:** Silver

**Backing:** 100% polyurethane

**Thickness:** 270 $\mu$ ±10 $\mu$

**Weight:** 405±15GSM

**Standard Size:** 100cm x 50m, 5cm x 100m, 2.5cm x 100m

**Composition:** PET, Reflective layer, PE

### RETRO-REFLECTIVE PERFORMANCE

Minimum Initial coefficient of retro-reflection in cd/lux·m<sup>2</sup> and testing results by TUV, SATRA or CALCOAST

Observation angle \ Entrance angle	5°		20°		30°		40°	
	Class II	Results						
12'	330	480	290	434	180	363	65	203
20'	250	290	200	283	170	258	60	172
1°	25	33	15	35	12	24	10	20
1°30'	10	14	7	13	5	12	4	10

### Retro-reflective performance after test exposure

Coefficient(cd/lux·m <sup>2</sup> )		Standard Requires : cd/lux·m <sup>2</sup>
After Abrasion	436	ANSI/ISEA107-2010 9.4.1; EN530:1995 Method 2(wool Abrade / 5000cycles / 9kpa)
After flexing	415	ANSI/ISEA107-2010 9.4.2; ISO 7854: 1997 Method A(7500Cycles)
After folding at cold temperature	437	ANSI/ISEA 107-2010 9.4.3; ISO 4675:1990(-20°C)
After temperature variation	486	ANSI/ISEA 107-2010 9.4.4 12 Hours, 50°C/20 Hours, -30°C/ Minimum 2 Hours, 20°C
After washing	274	ANSI/ISEA 107-2010 9.4.5.2 ISO 6330 Method 2A (25 cycles)
Industrial washing	210	ISO 15797, 70°C (25cycles)
After dry cleaning	215	ANSI/ISEA 107-2010 9.4.5.3 ISO 3175:1998 Method 9.1 (5cycles)



## 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: 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

## APPLICATION INSTRUCTIONS ( Important )

1. Heat Machine to 120~135°C depending on the fabric you should print on
2. Remove plastic layer under adhesive side, place the heat transfer film on the fabric (substrate) adhesive side down.
3. Apply heat and pressure under about 3kgs weight for 3~5 seconds. Remove the plastic layer on the reflective surface after cold. If necessary, pls heat press the film again after removing the plastic layer.
- 4.

## 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

**DM** Address: No 001 YingBin road, 3<sup>rd</sup> Xiangzhu Industrial Zone, Yongjiang, Zhejiang, China

Tel: +86 579 87311558/87311826