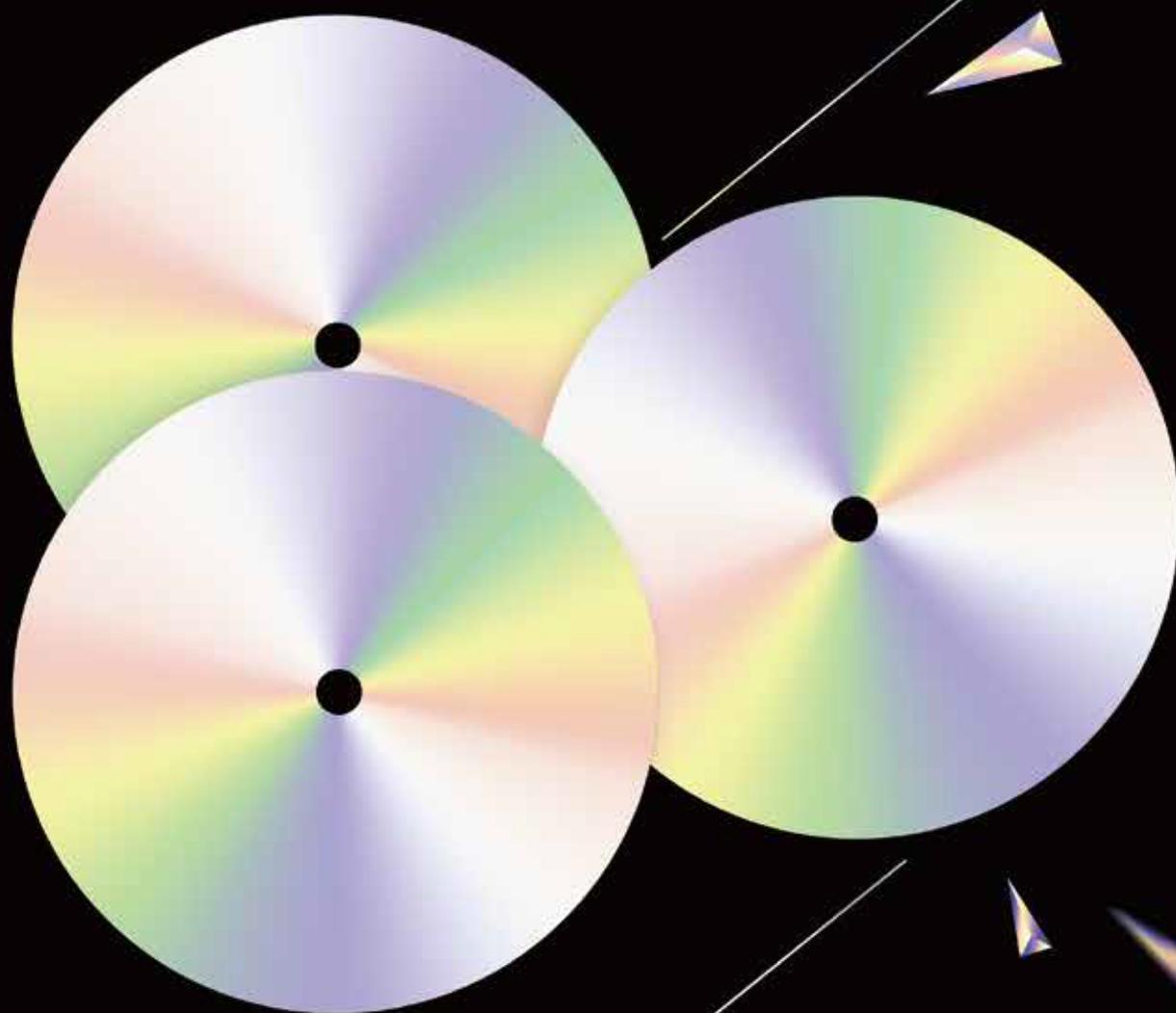


# HOLOGRAPHIC THERMAL LAMINATING FILM



[www.kangdexin.com.cn](http://www.kangdexin.com.cn)

**KDX**

## PRODUCT DESCRIPTION

It is a BOPP or PET based product with Laser effect surface. The special finish creates a luxurious appearance. The product is non-toxic and environmentally friendly, low level of static, consistent corona treatment, excellent resistance to tear & elongation, primarily used in the printing industry.

## FEATURES

- Bright color, transparent product does not cover printing designs, metallic product look cool
- Can be customized special edition, they have the security features
- Without a joint in film surface
- Moisture & heat resistance
- High tearing strength

## TECHNICAL DATA

SUBSTRATE TYPE	BOPP						BOPET
	Plain laser aluminized	Plain laser transparent	Plain laser aluminized	Cylindrical laser transparent	Patterned laser aluminized	Patterned laser transparent	
Surface finish							Patterned laser transparent
Product Thickness, $\mu\text{m}$	31	31	31	31	31	31	28
Yield, m <sup>2</sup> /kg	35.7	35.7	35.7	35.7	35.7	35.7	31.2
Wetting Tension, mN/m							
Laser surface:	$\geq 36$	$\geq 36$	$\geq 36$	$\geq 36$	$\geq 36$	$\geq 36$	$\geq 42$
Adhesive surface:	$\geq 40$	$\geq 40$	$\geq 40$	$\geq 40$	$\geq 40$	$\geq 40$	$\geq 40$
C.O.F. out/out	$\leq 0.6$	$\leq 0.6$	$\leq 0.6$	$\leq 0.6$	$\leq 0.6$	$\leq 0.6$	$\leq 0.6$
Heat Shrinkage(30s@ 120 $^{\circ}\text{C}$ ), %MD	$\leq 2.0$	$\leq 2.0$	$\leq 2.0$	$\leq 2.0$	$\leq 2.0$	$\leq 2.0$	$\leq 2.0$
TD	$\leq 1.0$	$\leq 1.0$	$\leq 1.0$	$\leq 1.0$	$\leq 1.0$	$\leq 1.0$	$\leq 1.0$

## APPLICATION TECHNOLOGY

Adjust the processing parameter according to the production job requirement.

Laminating Equipment : thermal laminating machine

Temperature : 95-105 $^{\circ}\text{C}$

Pressure : 8-18MPa

Speed : 10-70m/min

## STORAGE AND HANDLING

- Keep upright in a clean, dry and ventilated warehouse ( T=5-30 $^{\circ}\text{C}$ , H=20-60%); avoid storage in direct sunlight or near sources of heat less than 2m.
- In order to avoid damage to the film surface or end surface, avoid collision during product transportation, loading and unloading process.
- When using a thermal laminating film in winter, it should be placed in the production room in advance so that the temperature of the film is higher

## SHELF LIFE

12 months.

For further information and details, please contact your local KDX organization.

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