

PREMIUM BRUSHED COPPER 40MIC THERMAL FILM



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KDX

II PRODUCT DESCRIPTION

Brush Copper Metallized BOPET with a textured stainless steel finish and a hot melt adhesive layer by extrusion coating. The finish shows a very distinctive eye catching effect. Typical metalized colors include gold, silver and copper. The film is often used in book covers, luxurious packages, brochures, labels and gift cards.

II FEATURES

- Brush metallized finish look like stainless steel
- Excellent resistance to tear & elongation
- Suitable UV spot varnishing, foil stamping

II TECHNICAL DATA

PROPERTIES	COPPERY SURFACE	TEST METHOD
Thickness, μm	40	GB/T6672
Yield, m^2/kg	20.6	
Wetting Tension, mN/m		
Silver surface:	≥ 36	GB/T14216
Adhesive surface:	≥ 36	
Heat Shrinkage (30s@ 120°C), %		
MD	≤ 0.3	Q/CPKDX0001
TD	≤ 0.3	
Coefficient of Friction		
Outside / Outside	≤ 0.6	ASTM D1894

II APPLICATION TECHNOLOGY

Adjust the processing parameter according to the production job requirement.

Laminating Equipment : thermal laminating machine

Temperature : 110-130°C

Pressure : >3MPa

Speed : 10-40m/min

II 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

II SHELF LIFE

12 months.

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

KDX CHINA

No.26 Zhenxing Road,
Chanping Dist. Beijing,
China 102200
sales@kdxfilm.com
www.kangdexin.com

KDX EUROPE

Klarenanstelerweg 6,
6468 EP Kerkrade,
The Netherlands
info@kdx europe.com
www.kdx europe.com

KDX AMERICA

8880 Mistletoe Dr. Easton, MD 21601
sales@kdxamerica.com
www.kdxamerica.com