

PRE-COATED METAL

PRINT

P.C.M

**DK** DKDONGSHIN

# PRINT

HOME APPLIANCE PRODUCT

## ABOUT PRINT

The gravure-offset printing method allows for more delicate expressions, and various colors can be applied to the metal surfaces. All designs are developed by DK Dongshin and can be customized to meet customers specific needs.

## APPLICATION



Refrigerator Door

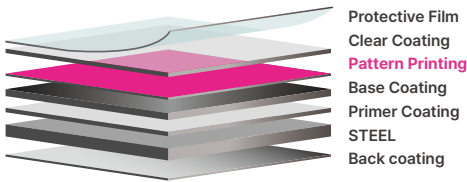


Washing Machine



TV & Monitor Bezel

## STRUCTURE OF PRODUCT



Protective Film  
Clear Coating  
Pattern Printing  
Base Coating  
Primer Coating  
STEEL  
Back coating

## PRODUCT STANDARDS

Thickness	Width	Coil.I.D.
GI, EGI 0.3 - 1.0T	500 - 1,500mm	Discussion

## PRODUCT PROPERTY

Property	Measurement	Test Standards
Bending(Adhesion)	25°C x 180° Bending	Customer Discussion
M.E.K Rubbing	M.E.K Rubbing x 1kg	30-50 ↑ (Flat)
Pencil Hardness	MIT-UN x 1kg x 45°	HB ~ F ↑
Erichsen Test	1mm x H100 x Erichsen 6mm	Natural Pelling Off
Impact Test	1/2" x 50cm x 500g	No Crack & No Peel off
Resistance of UV ravs	25°C x 15W x 20cm x 24hrs	DE ≤ 1.5
Chemical Resistance	25°C x 5% NaOH / HCL / CH3COOH x 24hrs	No Change Color&Surface
Anti-Solvent Test	25°C x Xylene/Toluene/Benzene x 24hrs	No Change Color&Surface
Salt Spray Test	35°C x 5% Nacl x SALT SPRAY (EGI : 240hrs , GI : 480hrs)	No more 2mm blister on the cross-cut

\* The above criteria may vary depending on the application, material, color, and gloss, requiring prior consultation

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