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BOPP FILM

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SHANGHAI UPG INTERNATIONAL TRADING CO.,LTD

23RD FLOOR MECHANICAL & ELECTRICIAL MANSION
NO.600 HENGFENG ROAD,SHANGHAI 200070.P.RCHINA

0086-21-6317 3900 0086-21-6353 0603
0086-21-6353 8343
sales@shanghai-upg.com
www.shanghai-upg.com

BOPP Thermal Laminating Film (Gloss & Matt)



Material: BOPP + EVA
Thickness: 16-35 Micron
Width: 100-2240 mm
Length: 300-5000 m/Roll
PaperCore: 1 Inch/3 Inch (25.4mm/76.2mm)
Advantages: Simple Operation;
High Efficiency, High Energy Saving;
Excellent Perfommance, Environmental Safety

Holographic Metalized Thermal Laminating Film (Gloss)



Material: PET or BOPP Laser Film + EVA
Thickness: 28/30 Micron
Width: 100-1880 mm
Length: 300-3000 m/Roll
PaperCore: l Inch/3 Inch (25.4mm/76.2mm)
Advantages: Widely used on colored packaging boxes;
After Laminating, it will have the ultimate effect;
Anti counterfeiting hologram

Digital Thermal Laminating Film (Gloss & Matt)



Material: BOPP + EVA
Thickness: 28/30 Micron
Width: 100-1880 mm
Length: 300-3000 m/Roll
PaperCore: 1 Inch/3 Inch (25.4mm/76.2mm)
Advantages: High adhesion strength;
Can fully solve the problem of machine printing film;
The perfect solution to laminating by the heavy-silicone digital printer;
All digital printing methods;
Remote printing can be achieved, and variable information printing

Soft Touch Thermal Laminating Film



Material: BOPP Soft Touch Film + EVA
Thickness: 28/30 Micron
Width: 100-1880 mm
Length: 300-3000 m/Roll
PaperCore: 1 Inch/3 Inch (25.4mm/76.2mm)
Advantages: Excellent color, bright and soft color after coating;
With special velvet smooth, delicate plush texture ;
High haze, and a more special matte effect;
After the film covering, delicate touch and unique scrub effect highlight the product quality

Anti-scratch Thermal Laminating Film (Gloss & Matt)

Material: BOPP Anti-scratch Film+ EVA
Thickness: 28/30 Micron
Width: 100-1880 mm
Length: 300-3000 m/Roll
PaperCore: 1 Inch/3 Inch (25.4mm/76.2mm)
Advantages: Has super wear-resistant and scratch-resistant ability;
Suitable for UV local polishing;
Suitable hot and cold bronzing;
Suitable for UV color printing



Technical Specification of Thermal Laminating Film

Specification	BOPP17 μM	BOPP18 μM	BOPP19 μM	BOPP20 μM	BOPP22 μM	BOPP24 μM	BOPP25 μM	PET-0806
Base Film	12	12	12	12	12	15	15	8
EVA	5	6	7	8	10	9	10	6
Total	17	18	19	20	22	24	25	14
Gloss Weight (㎡/kg)	64	59	57	54	49	45	43	60
Matt Weight (㎡/kg)	68	63	61	58	52	48	46	-
Notes	(According to customer require ments)							
Width	100mm-2240mm (According to customer requirements)							
Length	300-5000m/roll (According to customer requirements)							
Corona Treatment	Single				Double			
Connector	⩽2 (The connector is marked with red tape)							
Thickness Tolerance	±1μm							
Paper lnner Core	25.4mm/76.2mm(1"/3")							
Corona Treatment BOPP/PET	⩾36 Dyne							
Corona Treatment EVA	⩾40 Dyne							

Application Manual

Equipment for laminating film	Dry and wet laminating machine
Lamination temperature	Normal:85-110°C(185-230°F) Special: 100-130°C(212-266°F)
Roller pressure	10-18MPa
Speed	8-60m/min

Process Parameters:

1. Adjust rollor pressure and temperature according to different types of paper,ink and speed
2, When using the film for the first or changing to other thickness, we recommend small trial volume before going into mass laminating
3.The following situation will affect the quality of laminating:
Using metal ink.
The ink contains too much wax, drying oil, anti-adhesive and silicon additive, etc
The ink is too thick.
The ink is not completely dry.
The humidity of paper is high.
Too much powder.