

**K LASER**

Technical Data Sheet

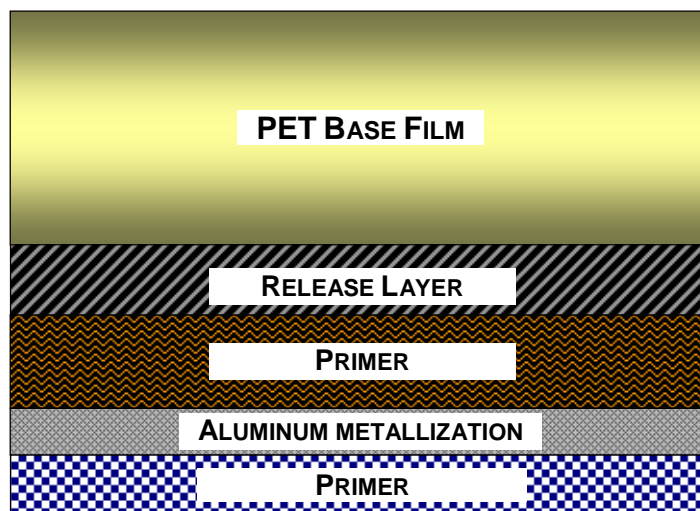
KOLDfoil – SX (Holographic Security) – (Wet Lamination)

K41, K45, K52, K53, K54, K55, K63, K66

GENERAL INFORMATION

TRADE NAME:	KOLDfoil SX (for Wet Lamination)
TELEPHONE NUMBER:	(714) 897-3978
MANUFACTURER:	K Laser Technology (USA) Co., Ltd. 7152 Patterson Drive Garden Grove, CA 92841
TDS REVISION DATE:	January 1, 2012

CONSTRUCTION



SPECIFICATIONS

CARRIER:	PET (Polyester) Film
THICKNESS:	64ga (16 μ)
WIDTH:	Variable inches, per order
LENGTH:	5,000 feet
COLOR:	Gold & Silver
GROSS WEIGHT:	Variable pounds, per order
CORE DIAMETER:	3 inches

OUTER DIAMETER: 8 inches**PROPERTIES**

Parameter	Unit of Measure	Value	Test Method
Specific Weight	g/cm ³	1.33	Meter
Tensile Strength (MD)	kg/mm ²	23 ±4	ASTM D-882
Tensile Strength (TD)	kg/mm ²	23 ±4	ASTM D-882
Elongation at Break (MD)	%	120 ±25	ASTM D-882
Elongation at Break (TD)	%	120 ±25	ASTM D-882
Shrinkage at 150°C/30 min (MD)	%	1.5±0.5	ASTM D-1204
Shrinkage at 150°C/30 min (TD)	%	0±0.3	ASTM D-1204
COF film to film (MD)	μS	N/A	N/A
COF film to film (TD)	μd	N/A	N/A
Moisture Vapor Transmission Rate	g/100 in ² 24 hr	N/A	N/A
Moisture Vapor Transmission Rate	g/m ² 24 hr	N/A	N/A
Oxygen Transmission Rate	cm ³ /100 in ²	N/A	N/A
Oxygen Transmission Rate	cm ³ /m ²	N/A	N/A

RESTRICTIONS & OTHER INFORMATION

1. Do not process under conditions in which the temperature exceeds 212°F.
2. Avoid storing in high temperature and high humidity environments and avoid direct sunlight.
3. Avoid sharp impacts and other rough handling.