



# Technical Data Sheet

## KOLDfoil – MX (Metallized Cold Foil) – (Wet Lamination)

K41, K44, K47, K51, K56, K59, K61, K62, K64

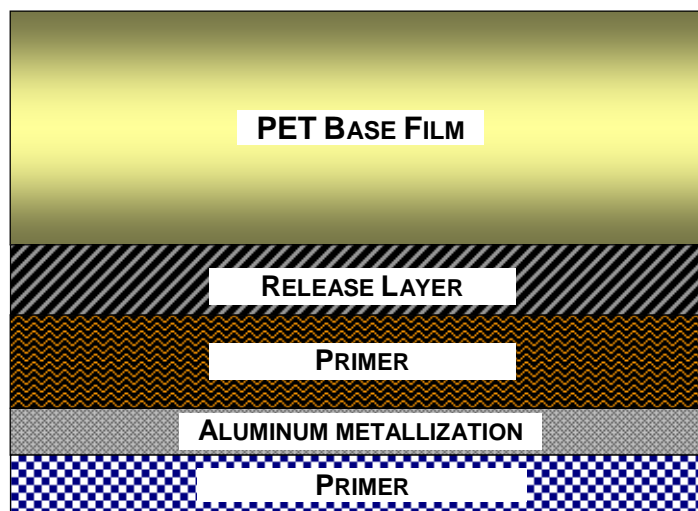
### GENERAL INFORMATION

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

### CONSTRUCTION

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### SPECIFICATIONS

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<b>CARRIER:</b>	PET (Polyester) Film
<b>THICKNESS:</b>	47ga (12 $\mu$ )
<b>WIDTH:</b>	Variable inches, per order
<b>LENGTH:</b>	5,000', 10,000', 15,000' or 20,000'
<b>COLOR:</b>	Various
<b>GROSS WEIGHT:</b>	Variable pounds, per order
<b>CORE DIAMETER:</b>	3 inches

**OUTER DIAMETER:** 8 inches

## PROPERTIES

Parameter	Unit of Measure	Value	Test Method
Specific Weight	g/cm <sup>3</sup>	1.33	Meter
Tensile Strength (MD)	kg/mm <sup>2</sup>	23 ±4	ASTM D-882
Tensile Strength (TD)	kg/mm <sup>2</sup>	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 <sup>2</sup> 24 hr	N/A	N/A
Moisture Vapor Transmission Rate	g/m <sup>2</sup> 24 hr	N/A	N/A
Oxygen Transmission Rate	cm <sup>3</sup> /100 in <sup>2</sup>	N/A	N/A
Oxygen Transmission Rate	cm <sup>3</sup> /m <sup>2</sup>	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.