



Engraved Labels Identification Solutions





Engraved Labels

Answering the needs of today's engraved labels, LaserMax features a classic, yet durable, matte finish. Its enhanced heat tolerance and UV stable colour foils make LaserMax the first choice for engraved labels.

LaserMax material flexibility is far superior to traditional traffolyte materials and it is easy to understand why this product is fast becoming an industry-wide standard.

Specifications

Material:	Microsurfaced Impact Acrylic
Finish:	Matte non-glare Brushed Metal
Thickness 2-Ply:	1.6mm and 3.2mm
Usage:	Interior signage Exterior signage Personal identification
Engraving Method:	Laser Rotating carbide
Cutting Depth:	0.08mm



Capabilities

Scores	<input checked="" type="checkbox"/>	Bonds	<input checked="" type="checkbox"/>
Saws	<input checked="" type="checkbox"/>	Permits Fine Engraving	<input checked="" type="checkbox"/>
Drills	<input checked="" type="checkbox"/>	UV Stable	<input checked="" type="checkbox"/>
Shears	<input checked="" type="checkbox"/>	Heat Bendable	<input checked="" type="checkbox"/>
Laser Vector Cuts	<input checked="" type="checkbox"/>	Screen Prints	<input checked="" type="checkbox"/>
Bevels	<input checked="" type="checkbox"/>	Hot Stamps	<input checked="" type="checkbox"/>

Colour Options & Material Codes

 LM-204 WHITE/ BLACK	 LM-402 BLACK/ WHITE	 LM-704 YELLOW/ BLACK	 LM-407 BLACK/ YELLOW	 LM-206 WHITE/ RED	 LM-602 RED/ WHITE	 LM-607 RED/ YELLOW
 LM-205 WHITE/ SKY BLUE	 LM-512 SKY BLUE/ WHITE	 LM-517 SKY BLUE/ YELLOW	 LM-552 PATRIOT BLUE/ WHITE	 LM-382 CHINA BLUE/ WHITE	 LM-932 GREEN/ WHITE	 LM-612 ORANGE/ WHITE
 LM-622 CLARET/ WHITE	 LM-582 PURPLE/ WHITE	 LM-972 CELADON GRN/ WHITE	 LM-912 EVERGREEN/ WHITE	 LM-312 SMOKE GREY/ WHITE	 LM-417 BLACK/ GOLD	 LM-413 BLACK/ SILVER

Above colour chart is for guidance only.

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Technical Data Sheet

LaserMax Engraving Laminate

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Physical Properties	Typical Values	ASTM Method
<u>IZOD Impact Strength</u> Notched at 73°F (22.78°C)	1.10 ft lbs/in	D-256
<u>Tensile Strength</u> To break Elongation before break	5,500 psi 50%	D-638 D-638
<u>Flexural Strength</u> Loan to stretch outer surface 5%	10,300 psi	D-790
<u>Specific Gravity</u>	1.15	D-792
<u>Rockwell Hardness</u>	M45	D-785
<u>Deflection Temperature</u> Temperature at which material deflects .010 (.254mm) at 264 psi	175°F (79.44°C)	D-648
<u>Coefficient of Thermal Expansion</u> Inch/inch/°F	5.6 x 10	D-696
<u>Vicat Softening Point</u> Temperature for needle to penetrate 1mm (90°F/hr, 2.2 lbs) Temperature for needle to penetrate 1mm (90°F/hr, 11.0 lbs)	208°F (97.78°C) 187°F (86.11°C)	D-1525 D-1525

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