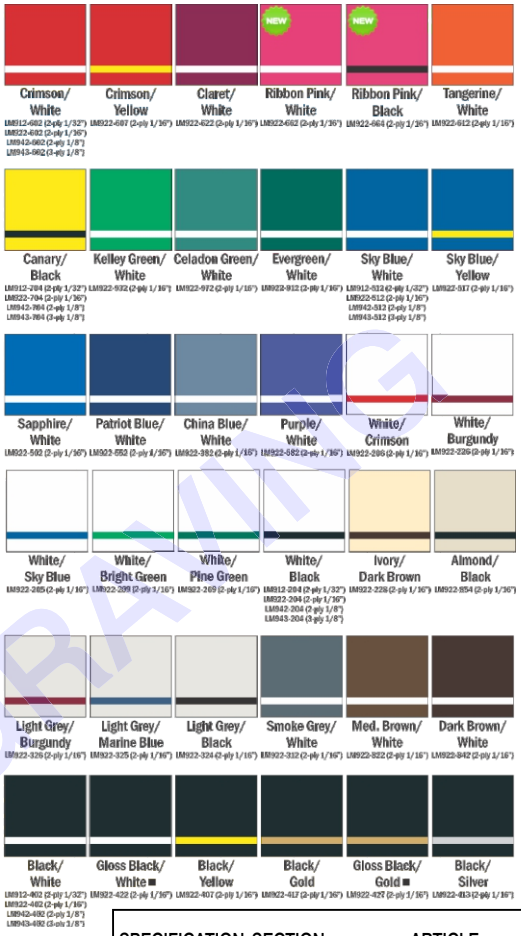
ENGRAVING & GRAPHICS
KENTRON
MANUFACTURING
8922 Yellow Brick Road Baltimore, MD 21237
410.682.5800
www.kentron.com

LASER MAX
Rowmark

Specifications

Material:	Microsurfaced Impact Acrylic
Finish:	Matte non-glare Gloss Brushed Metal Patterned
Sheet Size:	24" x 49" (610 x 1245mm) **NOTE:** LM922-082 (Kona/Ash) & LM922-012(Kona/White) Sheet size is: 23.5" x 49" (596.9 x 1245mm)
Thickness 1-Ply:	NONE
Thickness 2-Ply:	1/32" (0.8mm) Use LM912 as first digits of the item code. 1/16" (1.6mm) Use LM922 as first digits of the item code. 1/8" (3.2mm) Use LM942 as first digits of the item code.
Thickness 3-Ply:	1/8" (3.2mm) Use LM943 as first digits of the item code.
Usage:	Interior signage Exterior signage Personal identification Trophies Awards and plaques
Engraving Method:	Laser Rotating carbide
Cutting Depth:	.003" (.08mm)



SPECIFICATION SECTION _____ ARTICLE _____

NAMEPLATE COLOR _____ ENGRAVED TEXT COLOR _____

TEXT HEIGHT _____

MOUNTING PROVISIONS

3M 468MP ADHESIVE ☐ 1/8" MOUNTING HOLES ☐ BOTH ☐

NO MOUNTING PROVISIONS ☐ OTHER ☐ _____

STANDARD FEATURES:

- Precision laser engraving
- Precision laser cut mounting holes
- Beveled edges
- Rowmark LaserMax® material
- 3M™ 468MP 5mil Adhesive

PANEL LP1
120/208V 3PH, 4W
FED FROM PANEL MDP

ALL NAMEPLATES SUITABLE FOR OUTDOOR APPLICATIONS

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

LaserMax softens at about 200°F (93.33°C) sufficiently so that it can be bent as needed. It can be sawed, drilled and bonded.

The base material was tested for flammability by Underwriters Laboratories. The material is rated 94 HB on the UL 94 test.

NOTE: The above information is given in good faith, but no warranty, express or implied, is given.

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