

PRODUCT CHARACTERISTIC SHEET and COC

PLEASE READ BEFORE USING!

Material: PVC-X
Part Nos: PVCX1550W

General Description: Rigid gloss white 10 mil PVC without adhesive for printing name tags, menu boards, door hangers, inserts, directory signs, etc. May be printed on both sides.

Thickness: 10 mil.	Adhesive Properties: No Adhesive
Outdoor Life: 2 years	
Shelf Life: 2 years stored at 70° F & 50%RH	
Service Temperature Range: 4° F to 170° F	
Minimum Application Temp.: (-4° F) May crack if flexed in temperatures below freezing	

Tests performed results:		
Property	Typical Values	Test Method
Specific Gravity	1.34 +/- .02 (transparent) 1.40 +/- .04 (opaque)	ASTM D792
Tensile Strength (PSI)	6000 minimum	ASTM D882
Elongation (%)	% 100 70 minutes (≤.020) (≥.021)	ASTM D882
Izod Test	8 Ft - lb / in of notch 1/8"	ASTM D256
Heat Distortion Temp.	158 +/-3°	ASTM D648
Transparent Gloss Value (60°)	140 +/-	ASTM D523
Cold Break Point	(-4° F)	ASTM D1790
Dyne Level	34 minimum	ASTM D2578

CERTIFICATE OF CONFORMANCE (COC)

Sold to:				Lot No.:	
Buyer:		PO#		Supplier's Authorized Rep.:	
Supplier:	Graphic Marking Systems	MFR Part No:		Top of the page	Title:
MFR Date:		Ship Date:		Date:	

Application Techniques:

Score cut. PVC-X does not need to be through-cut. Medium depth scoring is deep enough to snap apart. PVC-X is not intended for high temperatures such as rear-view mirror hang tags (will curl), unless you laminate with our 5 mil. Lexan® over-laminate.

GSP Software Settings:

Use the PVC-10 or White Label Stock with 1200 dpi print setting found in Quick Plot for printing. If you do not have an FX or Omega version 4.0 or higher with 1200 dpi, you may have adjust to lighter heat settings or slower print speeds for some colors to print well. For Cutting, use the settings for PVC-10, or adjust the Force to 30+. The key is to score the material and snap it apart. If you don't cut it deep enough, it may fracture across your piece when you try to snap it apart. We recommend using a 45° blade in your plotter.

USE A 45° blade or 60° BLADE on any combination of material 8 mil or thicker.

Disclaimer:

All of the descriptive information listed above is our recommendation only. This information does not suggest or constitute a written or verbal warranty or guaranty of any kind by the manufacturer or distributor of this product. Although this material can be printed on with some solvent based printers, the surface characteristics of the material can change from roll to roll, and failure of optimal printing results are not a basis for returning the product. Purchasers of this product shall be responsible for independently determining the suitability of the material for the intended application. GMS0612 Graphic Marking Systems