

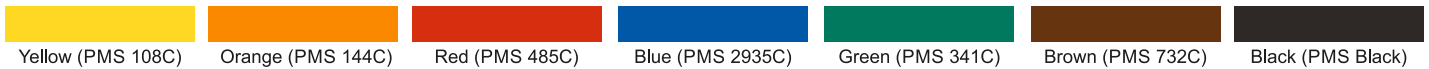


Product Information Bulletin

64 Outwater Lane, Garfield, NJ 07026 Ph: 973-340-7889 | Fax: 973-340-7809

Safety Label Material Information

Standard Colors:



ANSI Z535.4 specifies performance requirements for the design, application, use and placement of safety labels and signs that are intended to identify hazards that a person may encounter while operating or servicing a variety of products.

Description:

Adhesive Backed Polyester Labels have been designed to comply with ANSI Z535.4 2002 & 2007 Product Safety Label Standards. Decals are screen printed with UV resistant inks and overlaminated with Clear Polyester to ensure a high degree of chemical, abrasion and heat resistance.

Material:

2 Mil White Polyester with Hi-Performance pressure sensitive Acrylic Adhesive backing. A UL® approved material. (UL® 969 File No. PGGU2.MH10170 Marking and Labeling System Materials / CSA File No. 99241 L000) 1 Mil Clear Polyester film coated with a clear pressure sensitive acrylic adhesive. A UL® approved material. (UL® 969 File No. PGGU2.MH10170 Marking and Labeling System Materials / CSA File No. 99241 L000)

Printed Image:

Printed image is sealed between 2 layers of polyester. Polyester offers superior chemical, abrasion and temperature resistance to vinyl decals, image is screen printed using UV inks.

Adhesive:

Aggressive solvent based acrylic adhesive with excellent adhesion properties on a broad base of application substrates such as Stainless Steel, Acrylic, Glass, Coated Metals and Plastics. Backed with a layflat 90 lb. moisture stable polycoated release liner ideal for sheet-form converting.

Chemical Resistance:

Good for most chemicals

Water Resistance:

Excellent

Expected Exterior Life:

5-8 years mid-continental United States

Service Temperature:

-40°F to 302°F (-40°C to 150°C)

Minimum Applic. Temperature:

50°F (10°C)

Packaging:

All Brimar's machinery safety decals are available in convenient packages of 5 or bulk packages of 50 decals.

Custom:

Brimar has the capability to fabricate product safety decals in practically any size and color combination with an experienced in-house graphics department.

Specification Compliance:

Machinery Safety Decal comply with ANSIZ535.4 as well as ISO 3864 Standards.

DATE: ____ / ____ / ____

JOB: _____

CONTRACTOR: _____

www.safetysign.com | sales@safetysign.com | Toll Free: 800.274.6271 | Toll Free Fax: 800.279.6897



Product Information Bulletin

64 Outwater Lane, Garfield, NJ 07026 Ph: 973-340-7889 | Fax: 973-340-7809

Safety Label Adhesive Information

PRODUCT DATA	VALUE	TEST METHOD
Physical Properties		
Thickness (Mils [microns])	Film 2.0 (51) +/- 10% Adhesive 0.9-1.0 (23-25) +/- 0.1 (3) Liner 3.1(79 +/- 10%	ASTM D3652 (modified for use with non-tape products)
Dimensional Stability (%)	No Shrinkage Observed	Applied Shrinkage: 24 hour dwell time on aluminum panel then 24 hours at 160°F (71°C)
Adhesion Properties		
Ultimate Peel from	Average	ASTM D903 (Modified for 72 hour dwell time)
	Oz/In (N/m)	
ABS	60 (660)	
Acrylic	77 (847)	
Acrylic Powder Paint	59 (649)	
Alkyd Enamel	57 (617)	
Aluminum	54 (594)	
Epoxy Powder Paint	67 (737)	
Fiberglass	42 (462)	
Glass	68 (748)	
HDPE	32 (352)	
Paper	10+ (110+)	
Polycarbonate	58 (638)	
Polyester	87 (957)	
Polyester Powder Paint	55 (605)	
Polypropylene	15 (165)	
Polyurethane Powder Paint	72 (792)	
Stainless Steel	55 (605)	
Styrene	54 (594)	
Expected Shear		ASTM D 3654 Method A a. 1 hr. dwell b. 1 sq. in. surface c. 4 lb. load
Room Temp (hours)	30	ASTM D 2979
Tack (gm/sq cm)	1030	
Expected Exterior Life	Two years	
Service Temperature Range	-40°F to 302°F (-40°C to 150°C)	
Minimum Application Temperature	50°F (10°C)	
Storage Stability	Two years when stored at 70°F (21°C) and 50% relative humidity	

DATE: / /

JOB: _____

CONTRACTOR: _____