

Material Specifications

E-Z-CODE Typewriter Printable Markers (WTW) Pressure Sensitive Vinyl Film*

Construction:

Film: Frosty clear (3.5 mil) vinyl film.
 Adhesive: Thermoset, acrylic P/S adhesive.
 Backing: White silicon coated paper liner 78#.

Physical Properties:

Thickness: 5 mils \pm 10% including adhesive.
 Dimensional stability: Good
 Water stability: Excellent: test piece aged 24 hours after application to stainless steel panel. Not affected when immersed in 21°C water up to seven (7) days.
 Humidity stability: Excellent
 Solvent stability: Good for most petroleum solvents and lower aliphatic alcohols. Poor towards most esters and ketones.

Characteristics:

A highly conformable vinyl plastic film. A product that develops a permanent bond to most surfaces. As with all pressure sensitive material, surfaces must be clean, free of grime, grease and loose particles. Not recommended for exterior use.

*All property values on this chart are tentative averages and not intended for specification purposes. Purchasers should independently determine, prior to use, the suitability of any material for their specific purpose.

E-Z-Code EDP Labels (WES) Pressure Sensitive Vinyl Film*

Construction:

Film: Frosty clear (3.5 mil) vinyl film.
 Adhesive: Thermoset, acrylic P/S adhesive.
 Backing: White silicon coated paper liner 78#.

***Physical Properties:**

Thickness: 5mils \pm 10% including adhesive.
 Dimensional stability: Good
 Water stability: Excellent: test piece aged 24 hours after application to stainless steel panel. Not affected when immersed in 21°C water up to seven (7) days.
 Humidity stability: Excellent.
 Solvent stability: Good for most petroleum solvents and lower aliphatic alcohols. Poor towards most esters and ketones.

Characteristics:

A highly conformable vinyl plastic film. A product that develops a permanent bond to most surfaces. As with all pressure sensitive material, surfaces must be clean, free of grime, grease, and loose particles. Not recommended for exterior use.

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E-Z-Code Wire Marker Cards (WCB) Vinyl Coated Cloth*

Construction:

Cloth: Stabilized fabric.
 Adhesive: Permanent rubber
 Backing: Silicon coated styrene.

***Physical Properties:**

Thickness: 11 mils.
 Elongation: 10%
 Tensile strength: 50lbs./in.
 Adhesion: 23oz./in.
 Colours: White, yellow.

Characteristics:

A highly conformable vinyl plastic film. A product that develops a permanent bond to most surfaces. As with all pressure sensitive material, surfaces must be clean, free of grime, grease and loose particles. Not recommended for exterior use.

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E-Z-Code Reflective Markers*

Construction:

Film: Wide-angle reflective material (WRM).
 Adhesive: Pressure sensitive.
 Colours: White, Yellow.

***Physical Properties:**

Thickness: 7 mil.
 Temperature range: -34°C to +93°C.
 Shelf life: In printers shop: one year.
 At end user: one year.
 (Ambient temperature 38°C or less).
 Expected lifetime: Seven years for vertical exposure application.

Opacity: Opaque.

Dimensional stability: Good

Characteristics:

A highly durable, pressure sensitive film which has the same day and night appearance. WRM retains its brilliance reflectively even when totally wet by rain or when viewed at wide angles. Due to climatic conditions, some cracking may be experienced when exposed to low temperatures.

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Material Specifications

E-Z-Coder Wire Marker Printer Refill Rolls (WPE) Printable Polyester Film*

Construction:

Film: Clear (1.0 mil) polyester.

Adhesive: Clear acrylic.

Backing: Polyester release liner (1.5 mil).

Physical Properties:

Adhesion to stainless steel: Immediate 30oz./in. width nominal.

Shear strength (PSTC#7): Greater than 4 hours.

Aging stability: Excellent - will not crack, craze or yellow.

Conformability: 3/8" diameter and over, excellent;
under 3/8", good.

Application temperature: 4oC to 60oC

Service temperature: 6oC to 66oC

Tensile strength: Facestock, 28 lbs./in. MD.

Elongation: 110 percent

Dielectric strength: 3.7 kV

Storage: One (1) year at 21oC, 50% R.H.

Chemical Resistance:

Acids: Good

Grease and Oils: Excellent

Water: Excellent

Isopropyl Alcohol: Excellent

Fungus resistance: Will not support or encourage growth.

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