



Master Material Chart

RoHS ** These materials are RoHS compliant.

Brady Material Number	Material	Color	Temperature Range	Print Technology	Properties & Applications	RoHS
B-12	Acetate Cloth	Beige	-40°F to 221°F (-40°C to 105°C)	Pre-Printed	Resistant to oil and heat. Wire marker for varnish dip or baking cycles.	RoHS
B-103	Polyester	Clear	-94°F to 266°F (-70°F to 130°C)	N.A.	1-mil low profile over-laminating film with a permanent acrylic adhesive designed to adhere to printable films. Withstands solder flux and cleaning/degreasing solvents. Supplied self-wound for in-line over laminating operations, or on a liner.	RoHS
B-107	Polyester	White	-40°F to 293°F (-40°C to 145°C)	Ink Jet	Resistant to solvents; smudge-resistant. High resolution; high-temperature performance. Applications requiring bar code printing, solvent or high temperature resistance. Recommended for use on topside of circuit boards and IC(s).	RoHS
B-109†	Polyethylene	White	-40°F to 120°F (-40°C to 49°C)	Dot Matrix Thermal Transfer TLS2200®	General-purpose tagging material with excellent tear- and chemical-resistance. Exhibits good weatherability, humidity resistance, and legibility after solvent exposure.	RoHS
B-110	Saturated Paper	White	-40°F to 212°F (-40°C to 100°C)	Dot Matrix	Excellent conformability; resistant to water and humidity. Environments containing water, humidity. Ideal for temporary identification.	RoHS
B-111	Polyester	Clear	-94°F to 230°F (-70°C to 110°C)	N.A.	Overlaminating film with acrylic adhesive designed to adhere to printable films. This self-wound overlaminate is available in single or 2 ply. The 2-ply is ideal for paint masking where the topside overlaminate is removed. Good temperature, chemical and abrasion resistance.	RoHS
B-113	Paper	White	-40°F to 194°F (-40°C to 90°C)	Ink Jet	Permanent adhesive; smudge resistant; ink jet-printable. Applications requiring economical, general purpose label. Bar code-printable.	RoHS
B-114	Polyolefin	White	-94°F to 193°F (-70°C to 94°C)	Ink Jet	Excellent solvent and abrasion resistance. Not recommended for outdoor use.	
B-115	Repositionable Vinyl Cloth	White	-40°F to 175°F (-40°C to 80°C)	Ink Jet	Resistant to oil, water, humidity. Excellent printability; ink jet-receptive coating. Offers good flexibility for wrapping around curved surfaces. Good wire or cable marker material.	RoHS
B-117†	Vinyl	Clear/White	-40°F to 158°F (-40°C to 70°C)	Ink Jet	Self laminating wire and cable marking. Outstanding water and oil resistance. Material is self-extinguishing.	RoHS
B-121	Paper	White	-94°F to 158°F (-70°C to 70°C)	Dot Matrix	Removable adhesive; smudge-resistant. Applications requiring inexpensive, removable labels such as inventory or maintenance labels.	RoHS
B-122	Paper	White	-40°F to 193°F (-40°C to 90°C)	Dot Matrix Pre-Printed	Low internal strength; printable. Applications requiring a label that cannot be removed intact.	RoHS
B-124	Paper	Blue, Brown, Gray, Green, Orange, Purple, Red, White, Yellow	150°F (66°C) Maximum	Dot Matrix Laser	Designed for 110 terminal block marking.	RoHS
B-129	Paper	White	-40°F to 212°F (-40°C to 100°C)	Dot Matrix	Static dissipative adhesive designed for component labeling ESD shielding and static awareness labels.	
B-136	Metallized Polyester	Silver	-40°F to 293°F (-40°C to 145°C)	Ink Jet	Good smudge, solvent and water resistant. Primarily used as identification label or rating plate material.	
B-145	Polyethelene	Gray	-40°F to 212°F (-40°C to 100°C)	Thermal Transfer	Tear-resistant 2-sided printable tag.	RoHS
B-181	Metallized film with plastic overlaminate	Silver, Black, Red, Green, Light Blue, Dark Blue, Burgundy	-40°F to 293°F (-40°C to 145°C)	N.A.	Identification tag consisting of a metallized film surface printed legend with protective tamper resistant laminate for indoor and outdoor use.	RoHS
B-184	Aluminum Foil	Silver	-40°F to 266°F (-40°C to 130°C)	Pre-Printed Dot Matrix	Dead soft aluminum foil with good conformability. Permanent debossing when marked. Resistant to heat, oil and solvents. Abrasion-resistant. Environments containing heat, oil or solvents; abrasive environments. Excellent for motor vehicles and outdoor wiring.	RoHS
B-292†	Vinyl	Clear/White	-40°F to 158°F (-40°C to 70°C)	Dot Matrix ID Pro Plus LS2000	Good conformability, durability. Self-extinguishing; write-on surface. Resistant to oil, water, solvents. On-the-job marking. Excellent for machine tool and underground wiring. Outstanding flat ribbon cable marker.	Ⓡ RoHS