

Dot Matrix Materials Chart

LASER, INK JET & DOT MATRIX LABELS

Type	Max. Service Temp. °F (°C)	Color	Finish	Use	Special Properties
ALUMINUM FOIL					
B-184	266 (130)	Silver	Matte	Wire marking, general labeling	Conformable; adheres well to rough surfaces
B-917	266 (130)	Silver	Matte	Rating plates, general labeling	Full hard aluminum
BRADYTAG™ MATERIALS					
B-109 Polyethylene	120 (49)	White	Matte	Multi-purpose tagging	Tear- and chemical- resistant
B-503 Cloth	194 (90)	White	Matte	Wire and cable marking	Meets UL94VTM-0 for self-extinguishing (UL)
B-508 Nomex®	180 (82)	White/Yellow	Matte	High-performance wire bundle and cable identification tag	Computer-printable tag stock; material is self-extinguishing
B-620 Polyester	311 (155)	White	Matte	All-purpose marking	Resistant to harsh industrial solvents
CLEAR OVERLAMINATES					
B-621 Polyester	221 (105)	Clear	Matte	Computer-printable overlaminate	Translucent
NYLON CLOTH					
B-499	193 (90)	White	Matte	Wire and electronic component marking	Permanent adhesive
PAPER					
B-110	266 (130)	White	Matte	Wire and electronic component marking	Excellent conformability
B-121	150 (66)	White	Matte	General labeling	Removable adhesive
B-122	150 (66)	White	Matte	General labeling	Label destroys upon removal
B-124	150 (66)	White/Colors	Matte	110 terminal block marking	Available in green, purple, yellow, blue, red, brown, white, orange, and gray
B-129	266 (130)	White	Matte	Electronic component marking	Static dissipative (A)
B-609	150 (66)	White	Matte	Bar code label	Label destroys upon removal
POLYESTER					
B-164	311 (155)	Silver	Matte	Electronic component marking	Withstands vapor phase and wave soldering operations; silver
B-505	266 (130)	White	Matte	Designed to be used as a connector pull tab	Self-extinguishing white polyester with a zone coated, permanent pressure sensitive acrylic adhesive. Passes the requirements of UL94 VTM-0 (UL)
B-619	311 (155)	White	Matte	Electronic component, bar code label	UL recognized/CSA accepted and circuit board ID (UL) (CSA)
B-621	221 (105)	Clear	Matte	Printable overlaminate	Translucent
B-624	200 (93)	White	Matte	Bar code labels	Adheres well to rough surfaces
B-627	266 (130)	White	Matte	High-quality labels, emblems and rating plates	High heat resistance; dimensional stability. Treated for better ink receptivity. CSA approved (CSA)
B-673	311 (155)	Silver	Matte	Electronic component ID (EPROM)	UV-light opaque; removable; metallized
B-693	311 (155)	Silver	Matte	Rating plates	Low-cost metallized material
B-969	311 (155)	Silver	Matte	Rating plates, electronic component marking	UL recognized/CSA accepted; metallized (UL) (CSA)
B-994	266 (130)	Silver	Matte	Rating plates	Adheres well to rough surfaces; metallized; UL recognized (UL)
POLYIMIDE					
B-652	572 (300)	Amber	Matte	Top- or bottom-side board application for SMT or Through hole	Withstands extremely high temperatures
B-658	572 (300)	Amber	Matte	Printed circuit board and component marking	Label will remove cleanly after high temperature exposure
POLYPROPYLENE					
B-389	212 (100)	White	Matte	Wire marking	Printable rigid inserts designed to be printed and affixed to a wire using carriers.
SLEEVE MATERIALS					
B-319 Polyolefin	221 (105)	White	Matte	Wire marking	Non-shrink sleeve
B-321 Polyolefin	221 (105)	White/Yellow	Matte	Wire marking	Heat-shrinkable sleeve
B-322 Polyolefin	221 (105)	White/Yellow	Matte	Aerospace and military wire marking	Self-extinguishing; meets MIL-S-85848
B-330 Polyolefin	248 (120)	White	Matte	Identification of wire bundles, large conduits and installed cables	Heat-shrinkable film with a computer-printable topcoat and a heat-activating adhesive
B-341 Polyolefin	275 (135)	White	Matte	Wire marking	2-to-1 shrink ratio self-extinguishing sleeve; meets MIL-I-23053/5 Class 1; MIL-M-81531; MIL-STD-202F; METHOD 215 and UL 224 (UL)
B-342 Polyolefin	275 (135)	White/Yellow	Matte	Wire marking	3-to-1 shrink ratio self-extinguishing sleeve; meets MIL-I-23053/5 Class 1; MIL-M-81531; MIL-STD-202F; METHOD 215 and UL 224 (UL)
TEDLAR®					
B-632	266 (130)	White	Matte	Wire marking	Self-extinguishing
B-637	266 (130)	White/Yellow	Matte	Aerospace and military cable marking	Self-extinguishing; meets MIL-M-87958, available in white or yellow
B-642	266 (130)	White	Matte	Self-laminating, wire and cable marking	Excellent abrasion and smudge resistance
VINYL CLOTH					
B-502	180 (82)	White	Matte	Wire and electronic component marking	Repositionable adhesive
VINYL FILM					
B-292	150 (66)	White	Matte	Self-laminating, wire and cable marking	Excellent abrasion and smudge resistance
B-607	211 (100)	White	Matte	Tamper-resistant label	Label destroys upon removal; UL recognized/CSA approved (UL) (CSA)

	These materials have static dissipative adhesives.
	These materials are UL recognized.
	These materials are CSA approved.

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DOT MATRIX MATERIALS CHART