






























Materials and Ribbons Cross Reference Chart

Material Number	Material Description	Colour	Finish	Min./Max. Service Temperature	Application	Special Properties	Agency Approvals/ Compliance	Recommended Ribbons
Nylon Cloth								
B-499	Nylon Cloth with permanent acrylic pressure sensitive adhesive	White	Matt	-70° to 90°C 30 days	Low profile through-conduit wire marking, component and general labelling	High adhesion makes all-purpose wire marker ideal for environments where heat, oil and dirt are present	  HF	M71-R4300
Paper								
B-424	General Purpose Paper with permanent latex adhesive	White	Matt	-40° to 50°C 30 days	Barcode and general labelling	Good contrast and smear resistance		M71-R4300
Polyester								
B-422	Polyester with permanent acrylic adhesive	White	Gloss	-40° C to 100°C 30 days	Electronic PCB ID and component, barcode label and rating plate, outlet and patch panel ID	2 mil adhesive recommended for application on textured surfaces	 	M71-R6000 M71-R4400-WT M71-R6900 (colours*)
B-423	Polyester with permanent acrylic adhesive	White	Gloss	-40°C to 120°C 30 days	Electronic PCB ID and component, barcode label, rating plates and outlets		  HF	M71-R6000 M71-R4400-WT M71-R6900 (colours*)
B-428	Metallised polyester with permanent acrylic adhesive	Silver	Matt	-40°C to 120°C 30 days	Rating plates, electronic component marking		  HF	M71-R4300
B-430	Clear polyester with permanent acrylic adhesive	Clear	Gloss	-70°C to 100°C 30 days	General labelling rating/name plates, outlet and general communications	High adhesion make it ideal for highly textured and other surfaces that are difficult to adhere to; Translucent	 	M71-R6000 M71-R4400-WT M71-R6900 (colours*)
B-459	Polyester with permanent acrylic adhesive	White	Matt	-40°C to 110°C 30 days	Electronic PCB ID and component, barcode labelling and rating plates		 	M71-R6000 M71-R4400-WT M71-R6900 (colours*)
B-461	Self-laminating polyester with permanent acrylic adhesive	White/ Translucent	Matt	-196°C to 130°C 30 days	Laboratory ID	Excellent abrasion and smudge resistance	HF	M71-R4300 M71-R6200
B-473	Polyester with static dissipative permanent acrylic adhesive	White	Gloss	-40°C to 120°C 30 days	Electronic PCB ID and component, barcode labelling and rating plates	Static dissipative adhesive and liner	  	M71-R6000 M71-R4400-WT M71-R6900 (colours*)
B-483	Polyester with permanent rubber adhesive	White	Gloss	-40°C to 120°C 30 days	General labelling; barcode label and rating plates	Ultra-aggressive adhesive for thermal transfer printing, designed for powder coated surfaces	 	M71-R6000 M71-R4400-WT M71-R6900 (colours*)
B-486	Polyester with permanent rubber adhesive	Silver	Matt	-40°C to 120°C 30 days	General labelling; barcode label and rating plates	Metallised polyester with ultra-aggressive adhesive for oily, greasy and powder-coated surfaces	 	M71-R4300
B-488	Polyester with permanent acrylic adhesive	White	Matt	-40°C to 160°C 30 days	Electronic PCB and component; barcode label and rating plates	High performance matt white	 	M71-R4300 M71-R6200
B-489	Polyester with permanent rubber adhesive	White	Matt	-40°C to 120°C 30 days	General labelling, barcode labelling and rating plates	Ultra-aggressive adhesive for oily, greasy and powder coated surfaces; UL/CSA approval pending		M71-R6200
B-582	BradyGlo™ Polyester with acrylic adhesive	Phosphorescent	Gloss	-40°C to 80°C	Photoluminescent safety identification			M71-R6000 M71-R4400-WT M71-R6900 (colours*)
B-7593	EPREP: polyester tag on foam carrier with permanent acrylic adhesive	White, Yellow, Red, Green, Silver, Black	Gloss	-40°C to 100°C 30 days	Electrical components, switches, push buttons, rack and patch panels	650 µm thick material with foam tape to replace engraved name plates; colour match available on demand		M71-R6000 M71-R4400-WT M71-R6900 (colours*)
Polyethylene								
B-109	Polyethylene tag	White	Matt	-40°C to 80°C 30 days	Multi-purpose identification tag, where durability is required	Cross-laminated polyethylene provides extreme tear resistance and excellent cold-weather performance		M71-R4300
B-145	Polyethylene tag	Grey	Matt	-40°C to 100°C 30 days	Power and ground labels	Tear-resistant 2-sided printable tag		M71-R6000 M71-R4400-WT M71-R6900 (colours*)
B-145FR	Flame retardant rigid polyethylene tag	Grey	Matt	-40°C to 100°C 30 days	Power and ground labels	Tear-resistant 2-sided printable tag		M71-R6000 M71-R4400-WT M71-R6900 (colours*)
B-7599	Polyethylene tag	White	Matt	-40°C to 50°C 30 days	Multi-purpose identification tag	250 µm polyethylene tag	HF	M71-R6200
Polymide								
B-426	Polymide with permanent acrylic adhesive	Amber	Matt	-70°C to 330°C 80 sec.	Underside PCB and other high temperature, high performance applications	Withstands extremely high temperatures		M71-R4300
B-477	Polymide with static dissipative permanent acrylic adhesive	White	Gloss	-70°C to 300°C 80 sec.	Top- or bottom-side board application for SMT or Through hole	Static dissipative adhesive and liner	 	M71-R6000 M71-R4400-WT M71-R6900 (colours*)
B-478	Polymide with static dissipative permanent acrylic adhesive	White	Gloss	-70°C to 300°C 80 sec.	1 mil low profile top- or bottom-side board application for SMT or Through hole	Static dissipative adhesive and liner	  HF	M71-R6000 M71-R4400-WT M71-R6900 (colours*)

 These materials have static dissipative adhesives

 These materials are UL recognised


 These materials are CSA approved.


HF Halogen-Free (DIN VDE 0472/parts 815)


*R-6900 ribbon comes in red, green, magenta, yellow and blue


Materials and Ribbons Cross Reference Chart

Material Number	Material Description	Colour	Finish	Min./Max. Service Temperature	Application	Special Properties	Agency Approvals/ Compliance	Recommended Ribbons
Polyolefin								
B-341	PermaSleeve™ heat shrink polyolefin sleeves	White, Yellow	Matt	-40°C to 130°C 1000 hours	Wire marking	2-to-1 shrink ratio, self-extinguishing, meets the material and physical property of AMS-DTL-23053/5 Class 1, SAE AS-81531, MIL-STD-202, Method 215 and UL 224		M71-R4300
B-342	PermaSleeve™ heat shrink polyolefin sleeves	White, Yellow	Matt	-55°C to 130°C 1000 hours	Wire marking	3-to-1 shrink ratio, self-extinguishing, meets the material and physical property of AMS-DTL-23053/5 Class 1, SAE AS-81531, MIL-STD-202, Method 215 and UL 224		M71-R4300
Polypropylene								
B-412	Polypropylene tag	White	Matt	-40°C to 100°C 30 days	Wire, cable and product inventory information	Designed where tensile strength is needed	HF	M71-R6200
B-425	Polypropylene with acrylic adhesive	White	Matt	-40°C to 100°C 30 days	Cable and wire markers, P- and T-labels	Excellent abrasion and smudge resistance	UL SP HF	M71-R4300
B-529	Economy polypropylene with acrylic adhesive	Whit	Gloss	-40°C to 100°C	Low-cost choice for indoor use			M71-R6000 M71-R4400-WT M71-R6900 (colours*)
Tedlar®								
B-437	Tedlar® with permanent acrylic adhesive	White, Yellow	Matt	-70°C to 135°C 30 days	Aerospace and military cable marking	Self-extinguishing		M71-R4300
B-642	Tedlar® with permanent acrylic adhesive	White	Matt	-70°C to 120°C 30 days	Self-laminating, wire and cable marking	Self-extinguishing, low smoke and flame spread, excellent abrasion and smudge resistance		M71-R4300
Thermoplastic Polyether-polyurethane (PUR)								
B-7643	Thermoplastic polyether polyurethane tag	White, Yellow	Matt	-40°C to 90°C 30 days	Wire & cable marking	Zero halogen, more colours available		M71-R6000 M71-R4400-WT M71-R6900 (colours*)
Vinyl								
B-352	Vinyl with permanent acrylic adhesive	Silver	Matt	-40°C to 80°C 30 days	Tamper-resistant labels for security ID; asset ID	Metallised vinyl, designed to fracture easily		M71-R6000 M71-R4400-WT M71-R6900 (colours*)
B-427	Self-laminating vinyl with permanent acrylic adhesive	White	Matt	-70°C to 70°C 30 days	Self-laminating wire and cable marking	Excellent abrasion and smudge resistance	UL	M71-R4300
B-530	Tamper evident vinyl with acrylic adhesive	White	Gloss	-40°C to 90°C	Tamper-resistant labels for security ID; asset ID	Designed to fracture easily		M71-R6000 M71-R4400-WT M71-R6900 (colours*)
B-580	High Performance vinyl with permanent acrylic adhesive	Red, Yellow, Blue, Green, White, Orange, Grey, Black, Brown, Purple, Clear, Gold, Ochre, Sky Blue, Light Blue, Pink, Tan	Gloss	-40°C to 82°C	Safety identification, pipe marking	5-year average outdoor durability		M71-R6000 M71-R4400-WT M71-R6900 (colours*)
B-584	Reflective vinyl with acrylic adhesive	White, Yellow, Orange	Gloss	-40°C to 82°C	Reflective quality makes material ideal for use in low-light conditions	5-year average outdoor durability		M71-R6000 M71-R4400-WT M71-R6900 (colours*)
B-581	Repositionable vinyl with acrylic adhesive	White, Yellow	Gloss	-40°C to 82°C	Indoor labels where frequent repositioning is required			M71-R6000 M71-R4400-WT M71-R6900 (colours*)
B-7696	Rigid vinyl tag, Rigid Durasleeve	White	Gloss	-40°C to 70°C 30 days	Sleeves, inserts, tags, terminal block markers	Rigid construction		M71-R6000 M71-R4400-WT M71-R6900 (colours*)
Vinyl Cloth								
B-498	Vinyl cloth with repositionable rubber based adhesive	White	Semi-gloss	-40°C to 82°C 30 days	Wire and electronic component marking	Repositionable adhesive	UL	M71-R6200

 These materials have static dissipative adhesives

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 These materials are CSA approved.

 Halogen-Free (DIN VDE 0472/parts 815)

Tedlar® is a registered trademark of DuPont
*R-6900 ribbon comes in red, green, magenta, yellow and blue



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For more information on our materials or to help you choose, visit www.bradyeurope.com