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Material No.	Material	Colour	Temp. Range	Print Technology	Properties & Applications
B-11	Polyester	White & Various	-40°C to 130°C	Pre-Printed	Roll-form wire markers. Environments containing heat, oil or solvents.
B-12	Acetate Cloth	Beige	-29°C to 105°C	Pre-Printed	Resistant to oil and heat. Wire marker for varnish dip or baking cycles.
B-88	Plastic coated cloth tape	Various	-40°C to 80°C	N/A	Designed for use in colour coding applications. Its most common use is in pipe banding. A slight overlap of the tape onto itself is recommended for best performance. Up to 2 years Outdoor Life
B-103	Polyester	Clear	130°C	N/A	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.
B-109	Polyethylene	White	-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.
B-117	Vinyl	White /Transparent	-40°C to 70°C	Inkjet	Self laminating wire and cable marking. Excellent abrasion and smudge resistance.
B-120	Fiberglass Reinforced Polyester	White & Yellow	-40°C to 90°C	N/A	A reinforced polyester sign panel with protected graphics that are permanently embedded within the sign panel, allowing for use in the most severe environments. Guaranteed not to chip, fade, rust, shatter or peel for 15 years. After 8-10 years actual outdoor verticle exposure, background colours will be moderately darkened or yellowed.
B-121	Paper	White	-29°C to 66°C	Dot Matrix labels.	Removable adhesive, smudge resistant. For inexpensive, removable applications such as inventory or maintenance
B-122	Paper	White	-29°C to 66°C	Dot Matrix ID Pro / LS2000	Low internal strength, printable. Applications requiring a label that cannot be removed intact.
B-124	Paper	Blue, Brown Grey, Green, Orange, Purple, Red, White, Yellow	66°C Maximum	Dot Matrix Laser	Designed for 110 terminal block marking.
B-156	Foam Tape	White	80°C Maximum	N/A	White polypropylene tape, coated on both sides with high-tack, adhesive coated high-shear synthetic rubber adhesive for indoor and outdoor use. Excellent for placing safety signage.
B-181	Metallised Film	Various	-40°C to 145°C	N/A	DuraGuard® property identification tags consist of a metallised film surface printed legend with protective tamper resistant laminate for indoor and outdoor use. 3-5 years average expected outdoor life.
B-184	Aluminium Foil	Silver	-40°C to 130°C	Pre-Printed	Dead soft aluminium foil with good conformability. Permanent debossing when marked. Environments containing heat, oil or solvents, abrasive environments. Excellent for motor vehicles and outdoor wiring.
B-292	Vinyl	Colours /White /Transparent	-40°C to 66°C	Dot Matrix ID Pro LS2000	Good conformability, durability. Self-extinguishing. Environments containing oil, water or solvents. On-the-job marking. Excellent for machine and underground wiring. Outstanding flat ribbon cable marker.
B-319	Polyolefin	White	-40°C to 105°C	Dot Matrix ID Pro / LS2000	Good legend permanence and smudge resistance. Computer printable, non heat-shrinkable sleeve markers.
B-321	Polyolefin	White	-54°C to 105°C	Dot Matrix ID Pro / LS2000	Heat-shrinkable, excellent resistance to oil and solvents. Ink-receptive coating provides permanent legibility. Computer printable, heat shrinkable sleeve markers.
B-322	Polyolefin	White or Yellow	-40°C to 105°C	Dot Matrix ID Pro / LS2000 TLS2200	Heat-shrinkable, self-extinguishing, permanent legibility Self-extinguishing computer printable sleeve markers. Aerospace & military wire marking. Meets MIL-S-85848.
B-324	BradyGlo™	Photolum	-40°C to 110°C	Pre-Printed	Photoluminescent self-adhesive polyester
B-325	PVC Polyvinylchloride	Yellow	-40°C to 100°C	Pre-Printed	Pre-Printed full circle polyvinylchloride sleeves.
B-330	Polyolefin	White or Yellow	-40°C to 120°C	Dot Matrix	Heat-shrinkable polyolefin film with a computer printable topcoat and a heat-activating adhesive. Identification of wire bundles, large conduits and installed cables.
B-341	Polyolefin	White or Yellow	-55°C to 135°C	Dot Matrix Thermal Transfer	2-to-1 shrink ratio self-extinguishing, meets the material and physical property requirements of MIL-DTL-23053/5C (Class1) MIL-M-81531, MIL-STD-202F, method 215 and UL224.
B-342	Polyolefin	White	-55°C to 135°C	Dot Matrix Thermal Transfer ID Pro / LS2000 TLS2200	3-to-1 shrink ratio self-extinguishing, meets the material and physical property requirements of MIL-DTL-23053/5C (Class1) MIL-M-81531, MIL-STD-202F, method 215 and UL224.
B-350	Polyester/Paper	White	-70° C to 120°C	Thermal Transfer	Designed to permanently change colour (white to red) when water based solutions contact the edge of the label. Withstands high heat and humidity environments without false indication appearing. Controlling invalid warranty claims, failure analysis, design assistance or trouble shooting.

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B-351	Vinyl	White	-40°C to 100°C	Thermal Transfer	Tamper-resistant film with a permanent acrylic adhesive. Good resistance to solvents and humidity.	
B-352	Metallised Vinyl	Silver	-40°C to 100°C	Thermal Transfer	Tamper-resistant metallised film. Good resistance to solvents and humidity. Designed to fracture easily to prevent one-piece removal.	
B-355	BradyGlo™	Photolum	10°C to 40°C	N/A	High performance photoluminescent exit signs are steel encased glow-in-the-dark plastic panels. Intended for Indoor Use Only	
B-361	Polyester	White /Transparent	-70°C to 105°C	Laser	Flexible, transparent and conformable. Permanent adhesion within 24 hours. Self-laminating wire, cable and vial markers used in power plants and laboratories. Low halogen & sulphur content.	HF
B-389	Polypropylene	White	-40°C to 100°C	Dot Matrix ID Pro Plus	Printable rigid inserts designed to be affixed to a wire.	HF
B-390	Synthetic Paper	White	-40°C to 100°C	Thermal Transfer TLS2200	Printable rigid inserts designed to be affixed to a wire.	
B-409	Polyolefin	White	-40°C to 95°C	Laser	Excellent write-on and laser printability. Applications requiring durable write-on barcode-printable or computer-printable labels. Abrasion resistant.	
B-412	Polypropylene	White	-40°C to 100°C	Thermal Transfer	Highly durable labels designed for thermal transfer printing tag stock in outdoor and harsh environmental applications. Ideal for wire & cable ID or product inventory ID, where legibility and tensile strength are needed.	
B-422	Polyester	White	-40°C to 120°C	Thermal Transfer TLS2200	Gloss white film with permanent acrylic-based adhesive. Designed for rough surfaces and applications where increased adhesion is required. Electronic PCB and components, barcode labels and rating plates. Recommended for application on textured surfaces.	 
B-423	Polyester	White	-40°C to 120°C	Thermal Transfer TLS2200	Permanent acrylic adhesive. Electronic PCB and component, barcode label and rating plates.	   HF
B-424	Paper	White	-40°C to 70°C	Thermal Transfer TLS2200	Top coated. Permanent latex adhesive. Applications requiring low-cost, general purpose labelling material.	HF
B-425	Polyolefin	White	-40°C to 90°C	Thermal Transfer	Permanent adhesive. Applications requiring excellent solvent resistance and print permanence. Bar code label and general labelling. Excellent abrasion and smudge resistance.	  
B-426	Polyimide	Amber	-40°C to 300°C 5 min. at 300°C	Thermal Transfer TLS2200	Polyimide film with permanent acrylic adhesive. Withstands the various processes, fluxes and cleaning solvents encountered in the manufacturing of printed circuit boards. Withstands extremely high temperatures.	
B-427	Vinyl	White /Transparent	-70°C to 70°C	Thermal Transfer TLS2200	Permanent acrylic adhesive and a topcoat specifically formulated for thermal transfer printing. Excellent water, oil and solvent resistance. Self-laminating wire & cable identification.	
B-428	Metallised Polyester	Silver	-40°C to 80°C	Thermal Transfer TLS2200	Metallised polyester with a permanent acrylic adhesive. Designed for rating of serial plates, product information, warranty labels and inventory control labels.	   HF
B-429	Polyolefin	White	-40°C to 80°C	Thermal Transfer	Permanent rubber pressure sensitive adhesive. Good water, oil and solvent resistance. Designed to fracture easily to prevent one-piece removal	
B-430	Polyester	Clear	-40°C to 100°C	Thermal Transfer TLS2200	Permanent acrylic-based adhesive. Designed for rating and serial plates using alphanumerics, barcodes, graphic symbols and logos that require name plate quality. Withstands numerous solvents and can be applied to variable surfaces.	 
B-432	Polyester	Clear	-40°C to 100°C	Thermal Transfer	Glossy clear film with permanent acrylic-based adhesive. Designed for rough surfaces and applications where increased adhesion is required.	 
B-433	Polyester	White	-40°C to 120°C	Thermal Transfer	Designed for electronic component marking and general purpose applications requiring good solvent & heat resistance and a label that can be easily removed.	
B-434	Metallised Polyester	Silver	-40°C to 90°C	Thermal Transfer	Glossy metallised polyester with permanent acrylic-based adhesive. Designed for rough surfaces and applications where increased adhesion is required.	 
B-435	Metallised Polyester	Silver	-29°C to 100°C	Thermal Transfer	High-performance material designed to withstand numerous solvents while maintaining excellent image quality. Ideal for rating plate applications and general purpose labelling	  
B-436	Polyimide	Amber 5 min. at 300°C	-40°C to 300°C	Thermal Transfer	Removable silicone pressure sensitive adhesive designed to remove completely after high-temperature exposure.	
B-437	Tedlar®	White or Yellow	-65°C to 135°C	Thermal Transfer TLS2200	Polyvinylfluoride film with permanent acrylic adhesive. Designed for cable and wire bundle identification, aero space and military cable marking and applications where self-extinguishing properties are required.	
B-438	Metallised Polyester	Silver	-40°C to 40°C	Thermal Transfer	Matt metallised polyester, permanent adhesive. Designed for rating and serial plates requiring both high-performance and protection against removal. Leaves a checkerboard footprint if removed.	

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B-439	Coloured Vinyl	Silver, Gold, Yellow Red, Purple, Orange Light Blue, White Green, Black	-40°C to 40°C	Thermal Transfer	Designed for use with thermal transfer printers in ambient conditions with limited solvent exposure. Ideal for applications requiring various colours: rating plates or finished product or general purpose identification.
B-442	Metallised Film	Various	-40°C to 145°C	N/A	Tamper Evident Duraguard® property identification tags consist of a metallised film surface printed legend with protective tamper resistant laminate for indoor and outdoor use. 3-5 years average expected outdoor life.
B-455	PVC Sheet	White	-20°C to 70°C	Pre-Printed	Surface printed sign material. Bends easily when heated and can be shaped into projecting signs, keeping the new shape once it has cooled down. Thickness: 1.5 mm.
B-457	Polyimide	White	-40°C to 260°C	Thermal Transfer TLS2200	Polyimide film with a permanent acrylic adhesive, 5 min. at 260°C designed to withstand the various processes, fluxes and cleaning solvents encountered in the manufacture of printed circuit boards. Excellent contrast and smear resistance. 
B-459	Polyester	White	-40°C to 100°C	Thermal Transfer TLS2200	Matt white, permanent acrylic-based adhesive. Designed for electronic component marking and general purpose applications requiring good solvent and heat resistance.  
B-461	Polyester	Clear	-196°C to 130°C 3 cycles of 4 hours in liquid nitrogen at -196°C	Thermal Transfer	Clear film that can be offered with matt white printable 3 zone in a self-laminating format. Provides excellent smudge and solvent resistance. Performs well in common laboratory environments such as liquid nitrogen, autoclave, freezer and hot water bath applications when laminated around itself.
B-473	Polyester	White	-40°C to 180°C 5 min. at 180°C	Thermal Transfer TLS2200	Static dissipative acrylic adhesive. Ideal for barcode, printed circuit board and component identification.   
B-477	Polyimide	White	-40°C to 260°C 5 min. at 260°C	Thermal Transfer TLS2200	Polyimide film, permanent acrylic static dissipative adhesive. Withstands the various processes, fluxes and cleaning solvents encountered in the manufacture of printed circuit boards. Excellent contrast and smear resistance.  
B-478	Polyimide	White	-40°C to 260°C 5 min. at 260°C	Thermal Transfer TLS2200	1-mil low profile polyimide film with a permanent static dissipative adhesive. Withstands the various processes, fluxes and cleaning solvents encountered in the manufacture of printed circuit boards. Glossy topcoat provides excellent contrast and smear resistance.  HF
B-479	Polyimide	White	-40°C to 260°C	Thermal Transfer TLS2200	1-mil low profile polyimide film with a permanent static dissipative adhesive. Withstands the various processes, fluxes and cleaning solvents encountered in the manufacture of printed circuit boards. Matt topcoat provides excellent resistance to solder balling. 
B-483	Polyester	White	-70°C to 120°C	Thermal Transfer	General purpose labelling. Highest adhesion product for thermal transfer printing, designed for powder coated surfaces.  
B-484	Polyester	White	-40°C to 120°C	Thermal Transfer	1 mil white polyester, ultra-aggressive adhesive. Designed for powder-coated surfaces and curved/angled surfaces.
B-486	Metallised Polyester	Silver	-40°C to 120°C	Thermal Transfer	Matt metallised polyester with a permanent, ultra aggressive adhesive. Designed for applications like rating and serial plates that require high adhesion to textured metals, low surface energy plastics or powder coated surfaces.
B-487	Polyimide	White	-40°C to 260°C 5 min. at 260°C	Thermal Transfer	Polyimide film with a permanent acrylic adhesive. Withstands the various processes, fluxes and cleaning solvents encountered in the manufacture of printed circuit boards. Matt topcoat provides excellent resistance to solder balling. 
B-488	Polyester	White	-40°C to 120°C	Thermal Transfer	Electronic PCB and component, barcode label and rating plates. High performance matt white.   
B-489	Polyester	White	-40°C to 120°C	Thermal Transfer	Matt polyester with ultra aggressive, permanent adhesive. Designed for high adhesion to textured metals, low surface energy plastics, or powder coated surfaces.
B-490	Polyester	White	-196°C to 130°C	Thermal Transfer	Polyester film with permanent acrylic adhesive. Can be applied to frozen surfaces including glass and polypropylene stored in liquid nitrogen. Good smudge and solvent resistance. Performs well in common laboratory environments such as liquid nitrogen and autoclave applications. For tube/vial applications it must be wrapped upon itself.
B-492	Polyester	White	-196°C to 130°C	Thermal Transfer	Freezerbondz™ polyester film with permanent acrylic adhesive. Can be applied to frozen surfaces including glass and polypropylene stored in liquid nitrogen. Good smudge and solvent resistance. Performs well in common laboratory environments such as liquid nitrogen and autoclave applications.
B-497	Polyimide	White	-70°C to 260°C 5 min at 260°C	Thermal Transfer	1-mil low profile polyimide film with a permanent acrylic adhesive, designed to withstand the various processes, fluxes and cleaning solvents encountered in the manufacture of printed circuit boards.
B-498	Vinyl Cloth	White	-40°C to 70°C	Thermal Transfer TLS2200	Wire, cable and component marking. Repositionable, removes cleanly. Suitable for general identification.

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B-499	Nylon Cloth	White	-70°C to 90°C	Thermal Transfer Dot Matrix ID Pro / LS2000 TLS2000	Wire and electronic component marking. Permanent adhesive. High adhesion makes all purpose wire and laboratory vial marking. Ideal for environments where heat, cold, oil and dirt are present.
B-500	Vinyl Cloth	White and Colours	-40°C to 82°C	Pre-Printed	Moderately resistant to heat, oil and dirt. Wire and cable marking. Repositionable.
B-502	Vinyl Cloth	White	-40°C to 82°C	Dot Matrix ID Pro / LS2000	Resistant to oil, water, humidity. Excellent printability, ink receptive coating. Applications requiring general purpose permanent or temporary labelling or marking with printable or write-on properties. Leaves no adhesive residue when removed - good EPROM label. Cable and wire markers. Repositionable.
B-503	Cloth	White	-40°C to 90°C	Dot Matrix	Highly conformable. Self-extinguishing, printable tag. Designed for wire and cable identification. Meets UL94 VTM-0 for flame retardancy.
B-505	Polyester	White	-40°C to 130°C	Dot Matrix	Self-extinguishing, white polyester with a zone coated, permanent pressure sensitive acrylic adhesive. Designed to be used as a connector pull tab and passes the requirements of UL94 VTM-0.
B-507	Vinyl coated cloth	Yellow and Orange	-40°C to 70°C	N/A	Brady B-507 is a printable, highly conformable, coated cloth tape with a pressure sensitive adhesive. Up to 2 years (Average expected outdoor life of product will depend on user definition of failure, climatic conditions, mounting techniques, and material colour.)
B-508	Nomex® Tag	White or Yellow	-40°C to 82°C	Dot Matrix	Computer-printable Nomex tag stock. Designed as a high-performance wire bundle and cable identification tag for use in harsh environments.
B-509	Polyester	White or Yellow	-18°C to 70°C	GlobalMark	Magnetic backed Polyester, ideal for constantly repositioned identification: warehouse applications.
B-515	Vinyl	Clear	-40°C to 80°C	GlobalMark	Static cling vinyl used for temporary, removable indoor signage when applied to most clean, smooth surfaces. No adhesive.
B-520	Glass Cloth	White	Up to 500°C	Thermal Transfer Custom No Stock Parts	Woven glass cloth. Adheres strongly to glass and a variety of metal surfaces. Withstands harsh temperatures, acidic and alkaline environments. Label is pressure sensitive at room temperature and becomes permanently affixed at temperatures above 400°C.
B-526	Polyester	Photoluminescent	-40°C to 60°C	GlobalMark PowerMark	BradyGlo™ Hi-Intensity Phosphorescent Polyester film with pressure sensitive acrylic adhesive. Used for exit and directional signs, identification of fire alarms and extinguishers, low location egress pathway markings and directional systems for escape or evacuation routes.
B-529	Polypropylene	White	-40°C to 80°C	HandiMark	Economy polypropylene film with pressure sensitive acrylic adhesive. Designed for low cost indoor applications.
B-530	Vinyl	White	-40°C to 80°C	HandiMark	Tamper resistant film, destructs upon removal, breaking into small pieces. Asset identification and applications where a deterrent to label removal is desired.
B-545	Paper	White	-40°C to 71°C (Retired Systems)	Labelizer Plus coated paper.	Permanent acrylic pressure sensitive adhesive, white top
B-546	Paper	White	-40°C to 71°C	Labelizer Plus (Retired Systems)	Direct thermal paper with a permanent acrylic pressure sensitive adhesive.
B-549	Polyester	White or Yellow	-40°C to 80°C Min application Temp. -23°C	GlobalMark	Flexible, dimensionally stable, low temperature, pressure sensitive adhesive tape.
B-551	Polyester	White	-40°C to 90°C	GlobalMark	Heavy duty tag stock (0.35 mm) for accident prevention tags.
B-565	Metallised Polyester	Silver	-40°C to 110°C	GlobalMark	Metallised polyester film with a permanent acrylic pressure sensitive adhesive. Applications like identification labels or rating and serial plates that utilise barcodes, alphanumerics, symbols and logos and require nameplate-like quality.
B-569	Polyester	White, Yellow, Grey Red, Blue, Purple Orange, Green, Brown, Black, Clear	-40°C to 80°C	GlobalMark PowerMark	Polyester with permanent pressure sensitive adhesive. Adheres well to smooth surfaces. Low halide content.
B-570	Olefin/ Polyester film	White or Yellow	-40°C to 110°C	Labelizer Plus Versa Printer (Retired Systems)	Temporary applications.
B-571	Olefin/ Polyester film	White, Yellow or Clear	-40°C to 100°C	Labelizer Plus Versa Printer (Retired Systems)	Flexible dimensionally stable, pressure sensitive adhesive tape.
B-575	Polyester	Brushed Gold	-40°C to 150°C	GlobalMark PowerMark	Brushed gold polyester tape with a permanent pressure sensitive adhesive. Used for general labelling and marking indoors.
B-580 or B-588*	Vinyl	White, Orange, Blue Yellow, Red, Green Purple, Clear, Gold, Pink Brown, Black, Grey, Tan, Ochre	-40°C to 80°C	HandiMark *GlobalMark PowerMark	Durable high gloss vinyl film for both indoor and outdoor use. Permanent pressure sensitive acrylic adhesive. Ideal for safety signage, pipe marking, warehouse marking and general identification. 5 year average outdoor durability.











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B-581	Vinyl	White or Yellow	-40°C to 80°C	HandiMark GlobalMark	Vinyl film with repositionable pressure sensitive acrylic adhesive. Designed for printing indoor labels where frequent repositioning is required.
B-582	Polyester	Phosphorescent	-40°C to 80°C	GlobalMark PowerMark	BradyGlo™ Phosphorescent Polyester film with pressure sensitive acrylic adhesive. Used for exit and directional signs, identification of fire alarms and extinguishers, low location egress pathway markings and directional systems for escape or evacuation routes.
B-584	Retroreflective Sheeting	Silver, Yellow or Orange	-40°C to 80°C	HandiMark GlobalMark PowerMark	Retroreflective sheeting Type 1 (Fed. Spec. L-S-300). Used in applications such as outdoor pole and pedestal identification and indoor long distance scanning of racks and shelves.
B-587	Phosphorescent Vinyl Film	Phosphorescent	-40°C to 80°C	Labelizer Plus Versa Printer (Retired Systems)	Exit and directional labels, identification or fire alarms/extinguishers and escape/evacuation routes.
B-593	Polyester - Foam Backed	White, Black, Green, Red, Yellow, Metallised	-20°C to 100°C	Thermal Transfer TLS2200	EPREP Adhesive-Tape Polyesters are designed for patch panel identification in identifying external push buttons, switches, and internal connection points. Also used as rating and serial plates using alphanumerics that require name plate quality.
B-605	Tedlar®	White	-40°C to 127°C	Pre-Printed	Overlaminates of polyester. Resistant to oil, solvents, dirt. Abrasion-resistant. Excellent for wire marking.
B-607	Vinyl	White	-40°C to 100°C	Dot Matrix ID Pro / LS2000	Tamper-evident film with a permanent acrylic adhesive. Computer printable. Designed to fracture easily to prevent one-piece removal.
B-609	Paper	White	-40°C to 66°C	Dot Matrix	Permanent adhesive; smudge resistant; write-on coating; low internal strength. Applications requiring economical, general-purpose label. Barcode printable.
B-619	Polyester	White	-40°C to 93°C	Dot Matrix ID Pro / LS2000	Resistant to solvents; smudge-resistant. High resolution; high-temperature performance. Applications requiring barcode printing, electronic component, solvent or high temperature resistance.
B-620	Polyester	White	-40°C to 155°C	Dot Matrix LS 2000	Print-receptive coating. Resistant to tearing, weathering, abrasion, heat, cold, solvents and oil. Tag for outdoor or harsh environments where legibility and tear-resistance are important.
B-621	Polyester	Clear	-40°C to 105°C	Dot Matrix ID Pro / LS2000	Excellent write-on coating. Computer-printable overlaminates. Translucent.
B-637	Tedlar®	White or Yellow	-40°C to 130°C	Dot Matrix ID Pro / LS2000	Good computer-printability; self-extinguishing. MIL-M-87958. Applications requiring self-extinguishing, easily printed cable or wire identification. Aerospace and military cable marking.
B-639	Tedlar®	Transparent	-40°C to 105°C	Custom No Stock Parts	Resistant to UV light and weathering; not printable. Overlaminates for labels.
B-642	Tedlar®	White/ Transparent	-70°C to 130°C	Dot Matrix Thermal Transfer	Applications requiring self-extinguishing identification. Self-laminating, wire, cable and laboratory vial marking. Excellent abrasion and smudge resistance.
B-652	Polyimide	Amber	-40°C to 300°C 5 min. at 300°C	Dot Matrix ID Pro / LS2000 Laser	Polyimide film with a permanent acrylic adhesive. Withstands the various processes, fluxes and cleaning solvents encountered in the manufacture of printed circuit boards.
B-673	Metallised Polyester	Silver	-40°C to 155°C	Dot Matrix	Metallised polyester film with a removable silicone adhesive, designed for EPROM applications where opacity and removability are important. UV opaque, high temperature and good chemical and solvent resistance.
B-674	Polyester	Transparent	-40°C to 150°C	N/A	Clear polyester film with acrylic pressure sensitive adhesive, used as a clear overlaminates.
B-702	Vinyl-Coated	White	-40°C to 105°C	Pre-Printed Thermal Transfer	High adhesion; good conformability; low profile; resistant to oil and mild solvents. Environments containing oil or mild solvents. Ideal for wire marking.
B-707	Polyester	White	-40°C to 130°C	Laser	Electronic component labelling; general identification. Rough surface application; Stronger bond to low surface energy plastics.
B-708	Vinyl	White	-40°C to 66°C	Pre-Printed	Good strength and conformability. Resistant to oil, mild solvents and water. Indoor or outdoor use. Excellent for cable ID.
B-709	Polyester	White	-40°C to 130°C	Laser	Applications requiring general purpose permanent and temporary labelling or marking with printable or write-on properties. Leaves no adhesive residue when removed from PC board. Good EPROM label.
B-722	Polyester	Clear	-40°C to 93°C	Laser	Permanent acrylic-based adhesive. Designed for rating and serial plates using alphanumerics, barcodes, graphic symbols and logos that require name plate quality. Withstands numerous solvents and can be applied to variable surfaces.
B-725	Vinyl	White, Yellow, Blue Green, Red, Black	-18°C to 80°C	N/A	This long-wearing vinyl is also used for aisle marking. Indoor use only.
B-734	Vinyl	Various	-18°C to 80°C	N/A	Premium Aisle Marking Tape is made of long-wearing vinyl and is used with the Universal Line Applicator to mark aisles and passageways. Pressure sensitive rubber adhesive. Not recommended for outdoor use.



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B-735	Vinyl	Various	0°C to 80°C	N/A	Economy Aisle Marking Tape is made of vinyl and is used with the Universal Line Applicator to temporarily mark aisles and passageways. Pressure sensitive rubber adhesive. Not recommended for outdoor use.
B-736	Plastic Film	Various	-40°C to 100°C	N/A	Brady B-736 is an economy pipe marker ideal for use on clean, dry pipes. Each marker has a diecut design which enables each label and arrow to be applied in the selected flow directions. Up to 2 years Outdoor Life
B-737	Tedlar®	White or Yellow	-40°C to 130°C	Laser	Self-extinguishing. Meets MIL-M-87958. Applications requiring self-extinguishing, easily printed cable or wire identification. Aerospace and military cable marking. Repositionable.
B-745	Vinyl	White	-40°C to 82°C	Laser	Formulated especially for laser printers. High resolution, good solvent resistance, smudge resistance with moderate to high temperature performance.
B-746	Paper	White	-54°C to 93°C	Laser	Formulated especially for laser printers. High resolution, good solvent resistance, smudge resistance with moderate to high temperature performance.
B-747	Polyester	White	-40°C to 130°C	Laser	Electronic PCB component, barcode labels. Excellent solvent and smudge resistance; and equipment labelling high resolution and high temperature performance.  
B-748	Type 316 stainless steel, overlaminated printed polyester	Yellow, blue, green, red and white	-40°C to 120°C	N/A	A high performance tag comprised of a stainless steel panel, a polyester label, graphics protection, and optional holes. It is available in various sizes. Recommended for both indoor and outdoor use. Meets ANSI A13.1 - 1981 Scheme for the Identification of Piping Systems.
B-759	Paper	White or Yellow	-40°C to 70°C	Laser	Permanent adhesive; smudge resistant. Economical general purpose ID. Barcode printable. Excellent toner adhesion.
B-773	Polyester	Silver	-40°C to 120°C	Laser	Permanent acrylic adhesive. Designed for rating and serial plates that utilise alphanumerics, graphic symbols and logos. Electronic component marking. Withstands numerous solvents and variable temperatures. Adheres to a variety of surfaces.   
B-799	Nylon Cloth	White	-40°C to 90°C	Laser	Recommended for applications requiring permanent wire marking or general labelling. 
B-819	Vinyl w/clear vinyl	Various	-40°C to 70°C	N/A	Surface printed vinyl overlaminated with velvet embossed rigid clear vinyl. used to mark aisles, point out safety overlaminated equipment and exits, and enforce protective equipment requirements. Not recommended for outdoor use.
B-837	Heavy duty polyester	Various	-40°C to 80°C	N/A	Used for safety tags, this material is a printed paper sealed in a write on matte finish polyester pouch with a 3/8" brass and paper grommet. The polyester laminate protects the graphics, wipes clean, and withstands water, grease, and extreme temperatures. The write-on matte finish allows workers to personalise tags with pen, pencil, and marker. The heavy duty construction prevents accidental removal. Up to 2 years Outdoor Life.
B-841	2 sided polyester film	White, yellow and orange	-40°C to 90°C	Laser, inkjet and dot matrix printable	A laser, inkjet and dot matrix printable polyester film. Recommended for indoor use only. If an overlaminated is used, expected outdoor lifetime is 1-2 years.
B-842	Fiberglass reinforced nylon	Red	-40°C to 120°C	N/A	A fiberglass reinforced nylon device for locking out quarter turn ball valves. Material adjusts to fit all major brand ball valves, 1/4" to 1".
B-851	Heavy Duty polyester	White, blue, red, yellow, orange and green	-40°C to 100°C	N/A	Economy Polyester Tag Accident Prevention Tags with 3/8" ID metal grommets. Used for marking on-the-spot warning of dangerous conditions. 3-5 years average expected outdoor life.
B-853	Paper Cardstock	Various	-40°C to 90°C	N/A	A surface printed cardstock tag, used for temporary tagging applications in a non harsh environment. Not recommended for outdoor use or to chemical exposure.
B-859	Magnetic Material	White, Green Red, Blue Yellow, Black	up to 80°C	Pre-Printed	Magnetic material for pre-printed Numbers & Letters DIN A4-sized (210 x 297 mm)
B-907	Brass	Natural or Black Fill	-40°C to 649°C	N/A	Brass Tags are used for general purpose valve identification. 5-7 years average expected outdoor life.
B-915	Coiled Plastic	Clear	-40°C to 60°C	N/A	Cylindrical coiled plastic sheets used for Brady Snap-On™
B-916	Grit coated Plastic film	Grey	-40°C to 100°C	N/A	Grit coated plastic film, used as indoor/outdoor anti-skid tape, with a permanent pressure sensitive adhesive.
B-917	Aluminium Foil	Silver	-40°C to 130°C	Dot Matrix	Printable; resistant to solvents, high temperatures. Identification and serialised labels, rating plates, general labelling. Full hard aluminium.  
B-930	Vinyl	White, Black, Yellow, Blue, Green, Red	-20°C to 80°C	Pre-Printed	Flexible vinyl film with permanent pressure sensitive acrylic adhesive. Used for pictograms and floor marking.

MATERIAL SPECIFICATIONS

Material No.	Material	Colour	Temp. Range	Print Technology	Properties & Applications
B-933	Vinyl	Various	-40°C to 93°C	N/A	QUIK-ALIGN® Numbers & Letters, Floor marking dots, arrows and footprint. 2-4 years outdoor life
B-935	Vinyl	Clear	-40°C to 80°C	GraphicsPro	Clear vinyl with a removable adhesive designed for use indoors.
B-936	Vinyl	Fluorescent Yellow	-40°C to 80°C	GraphicsPro (Retired System)	Designed for general indoor labelling.
B-937	Polyester	White	-40°C to 150°C	GraphicsPro (Retired System)	Tamper evident indoor or outdoor labelling. Leaves a VOID pattern when removed.
B-939	Brushed Metallised Polyester	Brushed Gold or Silver	-40°C to 150°C	GraphicsPro (Retired System)	General labelling and marking, indoors and outdoors.
B-946	Vinyl	White or Yellow	-40°C to 82°C	Pre-Printed	High gloss durable vinyl film with pressure sensitive adhesive. Used for numbers & letters for indoor use only.
B-950	Glossy Vinyl	Various	-10°C to 79°C	N/A	Vinyl tape with protective layer of clear resistant vinyl to lock in colours. Permanent adhesive, stands up to the toughest indoor conditions. Indoor Use Only
B-953	Polyester	White	-40°C to 155°C	Pre-Printed	1-mil low profile polyester film with an acrylic adhesive designed to identify small electrical or electronic components. Excellent resistance to solvents. Accepts extremely small print.
B-957	Reflective Sheeting	White, Yellow and Striped	-40°C to 70°C	N/A	Acrylic retroreflective sheeting with pressure sensitive adhesive. Used for area marking applications.
B-966	Polyester	Clear	-40°C to 155°C	N/A	Release-coated surface. Not printable. Overlaminates for PERMASHIELD™ labels. Transparent and durable.
B-969	Metallised Polyester	Silver	-40°C to 155°C	Dot Matrix ID Pro / LS2000	Print-receptive topcoat. Rating or serial plate, product information, property identification, warranty labels and inventory control labels, electronic component marking.
B-978	Vinyl	White, Yellow Green, Blue Red	-20°C to 75°C	GlobalMark	Indoor/outdoor vinyl film. Glossy, durable, flexible, pressure sensitive adhesive. Designed for economy monocolour printing of safety signs, pipe markers and general identification.
B-997	Reflective	Orange, White, Black	-40°C to 93°C	Pre-Printed	Bradylite® reflective sheeting used for numbers & letters.
B-7520	Polyester	Pipe Marking Colours	-40°C to 80°C	Pre-Printed	Surface printed linerless white polyester film with a permanent acrylic based, pressure sensitive adhesive and overlaminated with a clear silicone topcoated polyester film. Used for linerless pipe markers. Excellent adhesion to low surface energy surfaces.
B-7523	Aluminium	Red and Green	-40°C to 110°C	Pre-Printed	Photoluminescent Aluminium signs - Standard photolum.
B-7524	Aluminium	Red and Green	-40°C to 110°C	Pre-Printed	Photoluminescent Aluminium signs - High intensity photolum.
B-7525	Aluminium	Safety Colours	-40°C to 140°C	Pre-Printed	Aluminium safety sign protected with transparent polyester.
B-7527	Polypropylene	White or Yellow	-40°C to 120°C	Pre-Printed	Rigid polypropylene signs (1.5mm) Well suited for harsh environments. Good weatherability, resistance to chemicals.
B-7528	Aluminium				Combination of B-7525 with B-957.
B-7531	Metallised Polyester	Silver	-40°C to 130°C	Thermal Transfer Dot Matrix	Rating and serial plates, EPROM and component identification, inventory control labels.
B-7536	Polyester	White	-20°C to 140°C	Thermal Transfer	PC board identification, top side of board, rating plates, inventory control labels, warehousing.
B-7539	Polyester	White	up to 60°C	Thermal Transfer	PC board identification, top side of board, rating plates, inventory control labels, warehousing and barcode applications.
B-7540	Metallised Polyester	Silver	-40°C to 110°C	Thermal Transfer	Tamper evident, leaves "checker-board" upon removal
B-7541	Polyester	Pipe Marking & Safety Colours	-40°C to 140°C	Pre-Printed	Surface printed polyester film with a permanent, pressure sensitive adhesive and overlaminated with a clear polyester film. Used for pipe marking and safety signs.
B-7543	Polyester	White	-40°C to 100°C	Thermal Transfer	General purpose labels in electrical cabinets. Excellent adhesion to plastic surfaces.
B-7546	Polyester	White	-40°C to 100°C	Thermal Transfer	Tamper evident; leaves "void" footprint when removed.
B-7548	Polyester	Yellow, Green, Blue, Red, Violet, Brown, Grey	-20°C to 70°C	Pre-Printed	Surface printed polyester film with permanent acrylic adhesive, overlaminated with a clear polyester film.
B-7551	Polyester	Clear	up to 80°C	Thermal Transfer	Rating and serial plates, protective overlamination.
B-7552	Polyester	Clear	-29°C to 150°C	Thermal Transfer	Protective overlamination for B-7543.
B-7563	Metallised Polyester	Silver	-40°C to 120°C	MiniMark	Metallised polyester film with a permanent acrylic pressure sensitive adhesive. Applications like identification labels or rating and serial plates that utilise barcodes, alphanumerics, symbols and logos and require nameplate-like quality.
B-7576	Polyester	Silver	-40°C to 100°C	Thermal Transfer	Tamper evident; leaves "void" footprint when removed.
B-7589	Vinyl	White, Red, Yellow, Green, Blue, Orange, Black, Gray, Brown, Gold, Purple, Clear	-20°C to 75°C	MiniMark	Vinyl film with pressure sensitive acrylic adhesive Indoor & outdoor applications include: Pipemarker, arrow tape, warehouse marking, warning panels, safety signs and hazardous substances identification.



Material No.	Material	Colour	Temp. Range	Print Technology	Properties & Applications
B-7591	Vinyl	White	-20°C to 65°C	MiniMark	Vinyl film with permanent acrylic pressure sensitive adhesive used for indoor applications such as warehouse racking identification.
B-7593	Polyester - Foam Backed	White, Black, Yellow, Metallised, Red, Green	-40°C to 100°C	Thermal Transfer TLS2200	EPREP Adhesive-Tape Polyesters are designed for patch panel identification in identifying external push buttons, switches, and internal connection points. Also used as rating and serial plates using alphanumeric that require name plate quality. 
B-7594	Polyester	White	-20°C to 100°C	Thermal Transfer	High performance material suitable for various surfaces
B-7596	Vinyl	White	-40°C to 100°C	Thermal Transfer	Tag material.
B-7597	Polyethylene	White	-40°C to 50°C	Thermal Transfer	200 micron tag material.
B-7599	Polyethylene	White	-40°C to 65°C	Thermal Transfer	250 micron tag material.
B-7604	Paper	White	-60°C to 80°C	Direct Thermal	General labelling, packaging labels, temporary identification.
B-7605	Polyethylene	White	-20°C to 80°C	Thermal Transfer Dot Matrix	General labelling, warehousing, for indoor use.
B-7606	Woodfree Paper	White	-20°C to 80°C	Thermal Transfer	General labelling, packaging labels
B-7608	Woodfree Paper	White	-20°C to 80°C	Thermal Transfer	General labelling, packaging labels
B-7641	Polyolefin	White, Yellow	-50°C to 130°C	Thermal Transfer	Heat shrinkable (2:1), halogen free flame retardant polyolefin sleeves. Brady B-7641 Heatex™ meets the requirements of a halogen-free material per DIN VDE 0472 part 815 (statement based on review of product construction and confirmatory halogen content test run at an independent test laboratory). HF
B-7643	Polyurethane	White, Red, Yellow, Orange, Black	-40°C to 90°C	Thermal Transfer	Brady B-7643 is a zero-halogen high density, thermoplastic polyether polyurethane cable marker. HF
B-7644	Polyester / Polypropylene	Clear/Yellow	-40°C to 90°C	N/A	Laminat™ Carriers are made of polypropylene with a polyester seal-up foil. They have permanent acrylic adhesive and are UV-stable.
B-7645	Polyester / Polypropylene	Clear/Yellow	-40°C to 90°C	N/A	Laminat™ Tags are made of polypropylene with a polyester seal-up foil. They have permanent acrylic adhesive and are UV-stable.
B-8423	Polyester	White	-70°C to 120°C	Thermal Transfer	Polyester with satin finish and permanent acrylic adhesive. General purpose label and rating plate applications that utilise high quality/density alphanumeric, barcodes and graphics. Also used as post process label on printed circuit boards
B-8425	Polypropylene	White	-40°C to 90°C	Thermal Transfer	Polypropylene with glossy finish and permanent acrylic adhesive. General purpose label, asset identification, rating plate and warning/instructional labelling.



For the past two years, Brady Corporation has been investing significant money and resources to analyse the materials we use in our products and testing them using an independent, third-party lab for RoHS validation. We are near to completing all of our work on Brady's RoHS-affected. In addition, Brady has created on-line reference tools to provide you real-time information on our parts RoHS compliance status. An online part search is available at the following web address: www.bradyid.com/weee-rohs.



BRADY has a vast range of material options available. For a full technical data sheet (TDS) on any of the above materials, visit www.bradyaust.com.au/online_support.htm

MATERIAL SPECIFICATIONS

Material No.	Material	Colour	Temp. Range	Print Technology	Properties & Applications
APT					Used for Appliance Test Tags. Call for details
FLRMKS	Vinyl	Various	-40°C to 80°C	N/A	Used for Brady's floor marker and floor signs. Coated with a permanent/removable acrylic pressure sensitive adhesive designed to bond well with various floor substrates while providing removability for up to 180 days from application. Excellent printability for floor graphics applications. Indoor use only.
CMRKS	Grade 316 Stainless Steel	Silver	-30°C to 70°C	N/A	Used to mark pipe or cables for identification purposes. Marine grade steel means that it is ideal for aggressive environments. Non-Flammable and it resists heat, cold, corrosion, acids and chemicals.
PMARK	PVC Film	Various	-50°C to 90°C	N/A	High performance PVC film with outstanding dimensional stability and excellent cutting and converting properties. Used for Brady's standard pipe marking range. Features Glossy surface and permanent solvent polyacrylate adhesive. 4-6 years average expected outdoor life. Min. application temperature +8°C
PPE					Used for PPE Tool Tags. Call for details

SIGN MATERIAL GUIDE

SELF-ADHESIVE VINYL

This durable vinyl features a fully self-adhesive backing so you can adhere it to virtually any clean, dry surface. Our vinyl is manufactured to perform under a range of varying temperatures (-40°C to 80°C) and humidity. Well suited to curved or rough surfaces, just peel off the release paper and quickly apply. An expected indoor lifetime of five to eight years, our self-adhesive vinyl offers a long-term solution that is also highly resistant to fading, shrinking and chemicals.

POLYPROPYLENE - NOW RECYCLED

These signs are highly recommended for outdoor use. They are UV-stable and resist fading and cracking outdoors for three to five years. Our polypropylene is non-toxic and is Food Contact Approved, conforming to AS 2070-1999 (Plastic Materials For Food Contact and Use). It is fully recyclable and is an environmentally responsible alternative to PVC. They have rounded corners and four corner mounting holes. They endure temperatures of -40°C to 160°C. 1.4mm thick. We now manufacture our poly signs from at least 50% recycled material, which uses 97% less energy to make. This results in lower carbon emissions.

SELF-ADHESIVE POLYPROPYLENE - NOW RECYCLED

These signs are our standard Polypropylene with an adhesive backing. An industrial grade pressure sensitive adhesive backing has been applied to allow easy installation of signs by adhering to most flat, clean and dry surfaces in interior and protected exterior situations. It has a good temperature rating of up to 100°C with excellent initial tack and long-term adhesion properties.

AVERY® PROTECTIVE LAMINATING FILM

For applications where signs will be exposed to abrasive chemicals or extensive UV, we highly recommend our Avery® laminating film. The protective film is manufactured from high-grade polyester, with great abrasion resistance and good resistance to UV radiation and weathering exposure. It has excellent resistance to chemicals and solvents and strong adhesion properties. It is designed for use in harsh environments to protect the sign message, ensuring your sign lasts 5-7 years. The film has a service temperature of -50°C to 150°C, and a 5 year outdoor life or 7 year indoor life. It is ideal for use as an anti-graffiti protective overlaminates, although it is recommended to ensure the paint/ink is removed within 24 hours.

WARRANTY

Brady products are sold with the understanding that the buyers will test them in actual use and determine for themselves their adaptability to their intended uses. Brady warrants to the buyers that its products are free from defects in material and workmanship, but limits its obligation under this warranty to replacement of the product shown to Brady's satisfaction to have been defective at the time Brady sold it. This warranty does not extend to any persons obtaining the product from the buyers. This warranty is in lieu of any other warranty, express or implied, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose, and of any other obligations or liability on Brady's part. Under no circumstances will Brady be liable for any loss, damage, expense, or consequential damages of any kind arising in connection with the use, or inability to use, Brady's products.

DEFINITIONS

Upper Temperature Service Limit:

Temperature above which material will fail in long term use. Information available on specific Material Technical Data sheets.

Minimum Application Temperature:

Lowest temperature at which you can apply the label to a clean, dry, smooth surface. Information available on specific Material Technical Data sheets.

Average Outdoor Durability:

Average expected outdoor life of product will depend on user definition of failure, climatic conditions, mounting techniques, material colour, and printing inks used. Call Signmark® Division for specific recommendations.

Chemical Resistance:

Chemical Resistance information can be obtained from a specific material's Technical Data Sheets.

BRADYGLO™ LUMINOUS (SELF-ADHESIVE, POLYPROPYLENE OR METAL)

Brady now offers an innovative solution for emergency and evacuation signage in the workplace. Our BradyGlo™ luminous material B-324, is available in a polypropylene or self-adhesive polyester. BradyGlo™ is non-toxic and non-radioactive material. It takes only five minutes of ambient fluorescent light to charge and will glow consistently for 10+ hours. Recommended for interior use only. This material meets and exceeds several international standards for safety and glow time. For custom made signs on this material, please contact your local distributor.

MULTIFLUTE

These signs are manufactured from 3mm corrugated plastic, a lightweight, low cost and durable material. They are more rigid than solid polypropylene but are flexible enough to mount on slightly curved surfaces. Ideal for outdoors, especially for temporary applications, such as construction and building sites.

COLORBOND STEEL (METAL)

Bluescope Colorbond™ Steel. Guaranteed to withstand temperatures of -40°C to 80°C and have an outdoor lifetime of 5-8 years. This material complies with two Steel manufacturing standards AS/NZS 1365:1996 and AS 1397:2001. The 0.6mm thick material holds up well in windy conditions and is well suited to the outdoors. All metal signs come with rounded corners and four corner mounting holes.

RETRO-REFLECTIVE ALUMINIUM & STEEL

Retro-reflective options are available in Colorbond Steel or Capral Aluminium. Capral Aluminium is manufactured to comply to AS/NZS 1734:1997 and is ideal for use where resistance to corrosion and strength are a necessity. Our Colorbond Steel signs are manufactured in accordance with AS/NZS 1365:1996 and AS 1397:2001 and are one of our more robust sign materials, perfect for outdoor use. We use 3M Scotchlite™ Retro-Reflective material which complies to AS/NZS 1906.1:1993 and have Class 1 and Class 2 options available. Class 1 is the brightest, most durable retro-reflective material available.

Surface Preparation for Application of Adhesive Materials:

Pressure sensitive adhesives perform best on smooth, clean, dry surfaces. Use these guidelines for preparing surfaces for application:

1. If surface is contaminated with oil or grease, clean it with an evaporative solvent such as methylethylketone.
2. If surface is dirty, clean it with #600 emery cloth or 0000 steel wool, and solvent cleaning as above.
3. Rough surfaces can be smoothed with sandpaper, then with steel wool, and solvent cleaned to remove residual dirt.
4. A final cleaning with a dry, lint-free cloth is advised to remove any solvent film.

BP	61-67	PB	100
BPSPT	50	PS/3PS	79,80
BPTDS	49	PSPT	50
BPTL	46-47,51-55,57	PTDS	49
BPTLEP	48	PTL	46-47,51-60
BPTLTB	51	PTLEP	48
BS8	70	PTLFP	45
BT	83	PTLFT	45
DMC	49,62	PTLTB	51
DSTHT	62	PTLTL	52
ELAT	89-90	PTPSL	56
HCM	75	PTS	50
IDPAL	28	R	45,62,68-69
IDXPERT	37	RoHS	100
JET	92-96	THT	80-86
LABPAL	29	THTEP	73-74
LABXPERT	30	THTFP	80
LAT	88-91	THTFT	80
LC	52,76	THTTL	76
LF	100	TLS2200	43
LM	71	TLSPC	44
LT	52,76	WEEE	100
PAL	28-29	WIL	84
		X	31-42
		XPERT	30,37
		ZHS	77-78



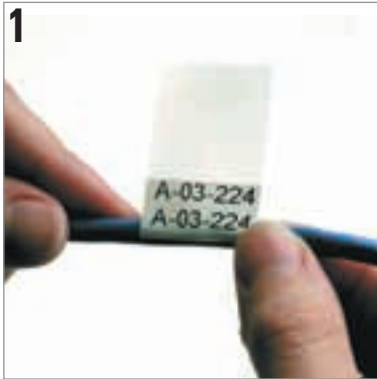
WARRANTY

Brady products are sold with the understanding that the buyers will test them in actual use and determine for themselves their adaptability to their intended uses. Brady warrants to the buyers that its products are free from defects in material and workmanship, but limits its obligation under this warranty to replacement of the product shown to Brady's satisfaction to have been defective at the time Brady sold it. This warranty does not extend to any persons obtaining the product from the buyers. This warranty is in lieu of any other warranty, express or implied, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose, and of any other obligations or liability on Brady's part. Under no circumstances will Brady be liable for any loss, damage, expense, or consequential damages of any kind arising in connection with the use, or inability to use, Brady's products.

WIRE & CABLE MARKING SPECIFICATIONS

SELF-LAMINATING MARKERS

The images below demonstrate the principle of the self-laminating labels. The label is wrapped around the wire while the self-laminating part covers the printed area, thus completely protecting the legend.



1 Apply the printed area to your wire.



2 Wrap the clear area around the wire, covering the printed area.



3 Once applied the clear laminate will protect your legend for years to come.

WIRE-DIMENSION GUIDE

The following table shows the relationship between the diameter and the copper surface in mm². This is a measuring method that is widely used in the electrical industry. However, this table should be used only as a guideline as it only refers to the most currently used types of wires.

External diameter (mm)	Copper surface section wires (mm ²)
1.8 – 2.2	0.5
2.2 – 2.6	0.75
2.6 – 3.0	1.0
3.0 – 3.4	1.5
3.4 – 3.8	2.5
3.8 – 4.2	4.0
4.2 – 4.6	6.0
4.6 – 5.0	

BRADYSLEEVE™ / PERMASLEEVE™ Product selection guide

Outside wire diameter (mm)	1	2	3	4	5	6	7	8	9	10	11	12	13	1
PERMASLEEVE™ B-342	3PS-094	3PS-125	3PS-187	3PS-250	3PS-375	3PS-500							3PS-1000 ⁹	24.13 mm
TLS 2200® B-321 Shrink-ratio 3:1 Various colours for different printers		PTS-350		PTS-500					PTS-750		PTS-1000			