

TLS 2200® Circuit Board Materials

www.BradyID.com/tls2200



Printer Compatibility

All circuit board parts shown on the following pages are only compatible with:



TLS 2200® Label Printer

See Page 36



TLS PC Link™ Printer

See Page 37

TLS 2200® Circuit Board Materials

Brady's Circuit Board Materials, or PCB materials, are polyimide materials that can withstand the high heats and powerful chemicals used in PCB manufacturing. Brady offers PCB materials in a variety of materials, including anti-static PCB materials and materials for auto-apply applications. These high temp Circuit Board Materials can improve your processes and reduce operating costs by identifying your circuit boards throughout the entire PCB manufacturing process.



TLS 2200® Circuit Board Materials:

B-426 Polyimide Material

Color: Amber Finish: Matte

Amber polyimide with matte finish and permanent adhesive. Used for printed circuit board and electronic component preprocess labeling. When used with R4300 ribbon, fulfills requirements of: MIL-PRF-55110G General Specification for Printed Wiring Boards, MIL-STD-202G, Notice 12, Method 215K and SAE AS81531 Marking of Electrical Insulating Material.

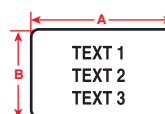


Figure 29



Performance Attributes:



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 29	PTL-1-426	B-426	Polyimide	Amber	0.250 (6.4)	0.250 (6.4)	1	750	R4310
Fig. 29	PTL-3-426	B-426	Polyimide	Amber	0.375 (9.5)	0.375 (9.5)	1	500	R4310
Fig. 29	PTL-4-426	B-426	Polyimide	Amber	0.400 (10.6)	0.400 (10.2)	1	500	R4310
Fig. 29	PTL-6-426	B-426	Polyimide	Amber	0.500 (12.7)	0.275 (7.0)	1	750	R4310
Fig. 29	PTL-9-426	B-426	Polyimide	Amber	0.650 (16.5)	0.200 (5.1)	1	750	R4310
Fig. 29	PTL-10-426	B-426	Polyimide	Amber	0.750 (19.1)	0.250 (6.4)	1	750	R4310
Fig. 29	PTL-13-426	B-426	Polyimide	Amber	0.900 (22.9)	0.250 (6.4)	1	750	R4310
Fig. 29	PTL-16-426	B-426	Polyimide	Amber	1.000 (25.4)	0.375 (9.5)	1	500	R4310
Fig. 29	PTL-17-426	B-426	Polyimide	Amber	1.000 (25.4)	0.500 (12.7)	1	500	R4310
Fig. 29	PTL-25-426	B-426	Polyimide	Amber	1.250 (31.8)	0.250 (6.4)	1	750	R4310
Fig. 29	PTL-27-426	B-426	Polyimide	Amber	1.500 (38.1)	0.125 (3.2)	1	750	R4310
Fig. 29	PTL-28-426	B-426	Polyimide	Amber	1.500 (38.1)	0.250 (6.4)	1	750	R4310
Fig. 29	PTL-2-426	B-426	Polyimide	Amber	2.000 (50.8)	0.250 (6.4)	1	100	R4310



TLS 2200® Circuit Board Materials:

B-457 Polyimide Material

Color: White Finish: Gloss

High temperature performance, white polyimide material with glossy finish and permanent adhesive. Withstands wave solder environments for printed circuit board and electronic component preprocess labeling. In combination with the R6010 ribbon, it passes the requirements of MIL-STD-202G, Notice 12, Method 215K. Can be used with auto dispense machines.

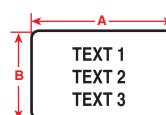


Figure 29



Performance Attributes:



Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 29	PTL-1-457	B-457	Polyimide	White	0.250 (6.4)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-3-457	B-457	Polyimide	White	0.375 (9.5)	0.375 (9.5)	1	500	R6010
Fig. 29	PTL-4-457	B-457	Polyimide	White	0.400 (10.6)	0.400 (10.2)	1	500	R6010
Fig. 29	PTL-6-457	B-457	Polyimide	White	0.500 (12.7)	0.275 (7.0)	1	750	R6010
Fig. 29	PTL-9-457	B-457	Polyimide	White	0.650 (16.5)	0.200 (5.1)	1	750	R6010
Fig. 29	PTL-10-457	B-457	Polyimide	White	0.750 (19.1)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-13-457	B-457	Polyimide	White	0.900 (22.9)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-14-457	B-457	Polyimide	White	1.000 (25.4)	0.187 (4.8)	1	750	R6010
Fig. 29	PTL-16-457	B-457	Polyimide	White	1.000 (25.4)	0.375 (9.5)	1	500	R6010
Fig. 29	PTL-25-457	B-457	Polyimide	White	1.250 (31.8)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-27-457	B-457	Polyimide	White	1.500 (38.1)	0.125 (3.2)	1	750	R6010
Fig. 29	PTL-28-457	B-457	Polyimide	White	1.500 (38.1)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-2-457	B-457	Polyimide	White	2.000 (50.8)	0.250 (6.4)	1	100	R6010

View the Material Brands & Attributes Guide on page 4.

TLS2200® Printer Ribbons on page 67.

Full Material Properties on page 187.