TLS 2200® Circuit Board Materials

BradyID.com/tls2200

B-724 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.

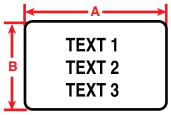
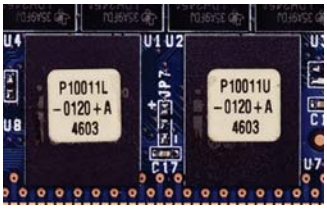


Figure 29



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-1-724	B-724	Polyimide	Amber	0.250 (6.4)	0.250 (6.4)	1	750	R4310
Fig. 29	PTL-3-724	B-724	Polyimide	Amber	0.375 (9.5)	0.375 (9.5)	1	500	R4310
Fig. 29	PTL-4-724	B-724	Polyimide	Amber	0.400 (10.6)	0.400 (10.2)	1	500	R4310
Fig. 29	PTL-6-724	B-724	Polyimide	Amber	0.500 (12.7)	0.275 (7.0)	1	750	R4310
Fig. 29	PTL-9-724	B-724	Polyimide	Amber	0.650 (16.5)	0.200 (5.1)	1	750	R4310
Fig. 29	PTL-10-724	B-724	Polyimide	Amber	0.750 (19.1)	0.250 (6.4)	1	750	R4310
Fig. 29	PTL-13-724	B-724	Polyimide	Amber	0.900 (22.9)	0.250 (6.4)	1	750	R4310
Fig. 29	PTL-16-724	B-724	Polyimide	Amber	1.000 (25.4)	0.375 (9.5)	1	500	R4310
Fig. 29	PTL-17-724	B-724	Polyimide	Amber	1.000 (25.4)	0.500 (12.7)	1	500	R4310
Fig. 29	PTL-25-724	B-724	Polyimide	Amber	1.250 (31.8)	0.250 (6.4)	1	750	R4310
Fig. 29	PTL-27-724	B-724	Polyimide	Amber	1.500 (38.1)	0.125 (3.2)	1	750	R4310
Fig. 29	PTL-28-724	B-724	Polyimide	Amber	1.500 (38.1)	0.250 (6.4)	1	750	R4310
Fig. 29	PTL-2-724	B-724	Polyimide	Amber	2.000 (50.8)	0.250 (6.4)	1	100	R4310

B-727 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.

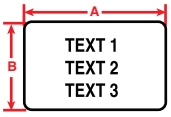


Figure 29

Performance Attributes:

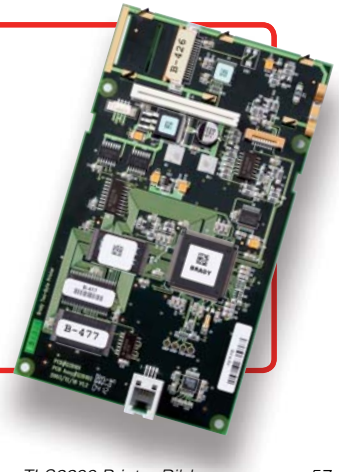
Diagram	Part Number	B-#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 29	PTL-1-727	B-727	Polyimide	White	0.250 (6.4)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-3-727	B-727	Polyimide	White	0.375 (9.5)	0.375 (9.5)	1	500	R6010
Fig. 29	PTL-4-727	B-727	Polyimide	White	0.400 (10.6)	0.400 (10.2)	1	500	R6010
Fig. 29	PTL-6-727	B-727	Polyimide	White	0.500 (12.7)	0.275 (7.0)	1	750	R6010
Fig. 29	PTL-9-727	B-727	Polyimide	White	0.650 (16.5)	0.200 (5.1)	1	750	R6010
Fig. 29	PTL-10-727	B-727	Polyimide	White	0.750 (19.1)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-13-727	B-727	Polyimide	White	0.900 (22.9)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-14-727	B-727	Polyimide	White	1.000 (25.4)	0.187 (4.8)	1	750	R6010
Fig. 29	PTL-16-727	B-727	Polyimide	White	1.000 (25.4)	0.375 (9.5)	1	500	R6010
Fig. 29	PTL-28-727	B-727	Polyimide	White	1.500 (38.1)	0.250 (6.4)	1	750	R6010
Fig. 29	PTL-2-727	B-727	Polyimide	White	2.000 (50.8)	0.250 (6.4)	1	100	R6010

Did You Know?

Brady teamed up with ZESTRON, a market leader in high precision cleaning process solutions, to conduct extensive chemical compatibility testing on Brady's line of polyimide labels, which are commonly used as printed circuit board (PCB) identification labels.

According to the test results, all Brady polyimide labels submitted can successfully withstand ZESTRON's latest cleaning chemicals – these test results are critically important to circuit board manufacturers, as they ensure that Brady polyimide labels will stay adhered and legible throughout the whole circuit board production process.

To view the complete test results, visit **BradyID.com**.



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Full Material Properties on page 227.