

BMP®71 Materials

www.BradyID.com/bmp71

BMP®71 Wire & Cable Materials:

Self-Extinguishing Materials

- **B-642 Material** - Self-extinguishing material used for wire & cable marking applications, particularly in aerospace, defense and mass transit industries.
- **B-472 Polyimide Material** - Polyimide material specifically designed to self-extinguish and prevent flames from propagating.

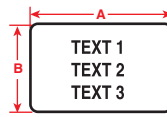


Figure 29

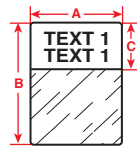


Figure 32



Diagram	Catalog #	B#	Material	Color	Approx. Wire Gauge	Label Width A Inch (mm)	Label Height B Inch (mm)	Print-On Height C Inch (mm)	Labels Per Roll	Rec. Ribbon
B-642 Matte Tedlar® Material										
Fig 32	M71-19-642	B-642	Tedlar	White	12 to 10	1.000 (25.400)	1.000 (25.400)	0.375 (9.530)	250	M71-R4300
Fig 32	M71-31-642	B-642	Tedlar	White	10 to 4	1.000 (25.400)	1.500 (38.100)	0.500 (12.700)	250	M71-R6200
Fig 32	M71-21-642	B-642	Tedlar	White	25 Pair Copper	1.000 (25.400)	2.500 (63.500)	0.750 (38.1)	100	M71-R6200
B-472 Matte Polyimide Material										
Fig 29	M71-9-472	B-472	Polyimide	White	16-10	0.200 (5.1)	0.650 (25.4)	-	750	M71-R4300
Fig 29	M71-10-472	B-472	Polyimide	White	16-10	0.250 (6.4)	0.750 (25.4)	-	750	M71-R4300
Fig 29	M71-30-472	B-472	Polyimide	White	16-10	1.500 (38.1)	0.750 (38.1)	-	250	M71-R4300
Fig 29	M71-15-472	B-472	Polyimide	White	12-10	0.275 (7.0)	1.000 (25.4)	-	750	M71-R4300
Fig 29	M71-17-472	B-472	Polyimide	White	12-10	0.500 (12.7)	1.000 (25.4)	-	500	M71-R4300
Fig 29	M71-19-472	B-472	Polyimide	White	12-10	1.000 (25.4)	1.000 (25.4)	-	250	M71-R4300
Fig 29	M71-21-472	B-472	Polyimide	White	12-10	2.500 (63.5)	1.000 (38.1)	-	100	M71-R4300
Fig 29	M71-29-472	B-472	Polyimide	White	10-4	0.500 (12.7)	1.500 (19.1)	-	500	M71-R4300
Fig 29	M71-31-472	B-472	Polyimide	White	10-4	1.000 (25.4)	1.500 (16.5)	-	250	M71-R4300
Fig 33	M71C-1000-472	B-472	Polyimide	White	-	1.000 (25.4)	50 ft. (15.2 m)	-	1 Roll (cont.)	M71-R4300
Fig 33	M71C-1000-472-YL	B-472	Polyimide	Yellow	-	1.000 (38.1)	50 ft. (15.2 m)	-	1 Roll (cont.)	M71-R4300
Fig 33	M71C-1500-472	B-472	Polyimide	White	-	1.500 (38.1)	50 ft. (15.2 m)	-	1 Roll (cont.)	M71-R4300
Fig 33	M71C-1500-472-YL	B-472	Polyimide	Yellow	-	1.500 (50.8)	50 ft. (15.2 m)	-	1 Roll (cont.)	M71-R4300
Fig 33	M71C-2000-472	B-472	Polyimide	White	-	2.000 (50.8)	50 ft. (15.2 m)	-	1 Roll (cont.)	M71-R4300
Fig 33	M71C-2000-472-YL	B-472	Polyimide	Yellow	-	2.000 (38.1)	50 ft. (15.2 m)	-	1 Roll (cont.)	M71-R4300

Approx. wire gauge based on AWG for THHN wire.
TEDLAR® is a registered trademark of DuPont.

BMP®71 Wire & Cable Materials:

Voice/Data Comm Materials

Durable materials with permanent adhesive in a variety of sizes for marking racks, bays, frames, slots, and other voice/data equipment.

- **B-412 Polypropylene Tag Material** - Designed for high legibility and tensile strength.
- **B-422 Polyester Material** - Permanent adhesive, good for powder-coated/textured surfaces. Best on flat surfaces. Temp. Range: -40°F to 212°F (-40°C to 100°C). UL recognized.

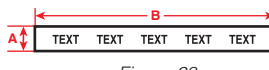


Figure 28

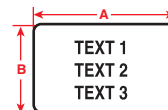


Figure 29

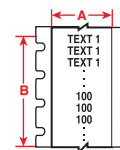


Figure 30

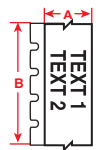


Figure 33

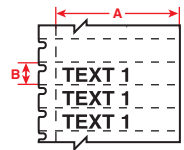


Figure 55



Diagram	Part Number	B#	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels/Roll	Rec. Ribbon
B-412 Polypropylene Tag Material								
Fig. 28	M71C-230-412	B-412	Polyethylene	White	0.230 (5.840)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6200
Fig. 28	M71C-375-412	B-412	Polyethylene	White	0.375 (9.530)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6200
Fig. 30	M71C-475-412	B-412	Polyethylene	White	0.475 (12.100)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6200
Fig. 28	M71C-500-412	B-412	Polyethylene	White	0.500 (12.700)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6200
Fig. 30	M71C-625-412	B-412	Polyethylene	White	0.625 (15.900)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6200
Fig. 28	M71C-785-412	B-412	Polyethylene	White	0.785 (19.940)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6200
Fig. 55	BM71-40-412	B-412	Polyethylene	White	1.938 (49.230)	0.375 (9.530)	5000	M71-R6200
Fig. 55	M71-40-412	B-412	Polyethylene	White	1.938 (49.230)	0.375 (9.530)	750	M71-R6200
B-422 Polyester Material								
Fig. 33	M71C-375-422	B-422	Polyester	White	0.375 (9.530)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 30	M71C-475-422	B-422	Polyester	White	0.475 (12.100)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-500-422	B-422	Polyester	White	0.500 (12.700)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-625-422	B-422	Polyester	White	0.625 (15.880)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 33	M71C-1000-422	B-422	Polyester	White	1.000 (25.400)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 29	M71-45-422	B-422	Polyester	White	1.500 (38.100)	0.375 (9.530)	500	M71-R6000
Fig. 29	M71-30-422	B-422	Polyester	White	1.500 (38.100)	0.750 (19.050)	250	M71-R6000
Fig. 33	M71C-1900-422	B-422	Polyester	White	1.900 (48.260)	50 ft. (15.24 m)	1 Roll (cont.)	M71-R6000
Fig. 29	BM71-20-422	B-422	Polyester	White	2.000 (50.800)	1.000 (25.400)	1000	M71-R6000
Fig. 29	M71-37-422	B-422	Polyester	White	3.000 (76.200)	1.900 (48.260)	100	M71-R6000

* "B" indicates bulk roll.

BMP®71 Printer Ribbons on page 68.
Full Material Properties on page 187.