

# BMP®51 and BMP®53 Materials

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## BMP®51 and BMP®53 Wire & Cable Material:

### B-427 Self-Laminating Vinyl Material

Features a clear, non-printable "tail" that wraps around the wire and serves as an overlaminate to the printed text. Protected print area offers superior chemical and abrasion resistance. Available as individual die-cut markers or continuous cut-to-length labels.

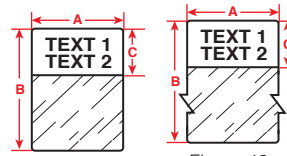


Figure 42

Figure 42a  
(continuous)



| Diagram                                          | Catalog #   | B#    | Material | Color    | Label Width A<br>Inch (mm) | Label Height B<br>Inch (mm) | Write-On Area C<br>Inch (mm) | Wire Gauge      | Max. Wire<br>Diameter | Labels/Roll    |
|--------------------------------------------------|-------------|-------|----------|----------|----------------------------|-----------------------------|------------------------------|-----------------|-----------------------|----------------|
| Fig. 42                                          | M-11-427    | B-427 | Vinyl    | BK on WT | 0.500 (12.70)              | 0.750 (19.05)               | 0.375 (9.53)                 | 16 - 10 Gauge   | 0.160 (4.06)          | 360            |
| Fig. 42                                          | M-96-427    | B-427 | Vinyl    | BK on WT | 1.000 (25.40)              | 0.750 (19.05)               | 0.375 (9.53)                 | 16 - 10 Gauge   | 0.160 (4.06)          | 200            |
| Fig. 42                                          | M-17-427    | B-427 | Vinyl    | BK on WT | 0.500 (12.70)              | 1.000 (25.40)               | 0.375 (9.53)                 | 12 - 10 Gauge   | 0.210 (5.33)          | 360            |
| Fig. 42                                          | M-18-427    | B-427 | Vinyl    | BK on WT | 0.750 (19.05)              | 1.000 (25.40)               | 0.375 (9.53)                 | 12 - 10 Gauge   | 0.210 (5.33)          | 200            |
| Fig. 42                                          | M-19-427    | B-427 | Vinyl    | BK on WT | 1.000 (25.40)              | 1.000 (25.40)               | 0.375 (9.53)                 | 12 - 10 Gauge   | 0.210 (5.33)          | 200            |
| Fig. 42                                          | M-102-427   | B-427 | Vinyl    | BK on WT | 0.500 (12.70)              | 1.250 (31.75)               | 0.375 (9.53)                 | 10 - 4 Gauge    | 0.270 (6.86)          | 200            |
| Fig. 42                                          | M-103-427   | B-427 | Vinyl    | BK on WT | 1.000 (25.40)              | 1.250 (31.75)               | 0.500 (12.70)                | 10 - 4 Gauge    | 0.270 (6.86)          | 200            |
| Fig. 42                                          | M-115-427   | B-427 | Vinyl    | BK on WT | 1.500 (38.10)              | 1.250 (31.75)               | 0.500 (12.70)                | 10 - 4 Gauge    | 0.270 (6.86)          | 200            |
| Fig. 42                                          | M-29-427    | B-427 | Vinyl    | BK on WT | 0.500 (12.70)              | 1.500 (38.10)               | 0.500 (12.70)                | 10 - 4 Gauge    | 0.320 (8.13)          | 360            |
| Fig. 42                                          | M-30-427    | B-427 | Vinyl    | BK on WT | 0.750 (19.05)              | 1.500 (38.10)               | 0.500 (12.70)                | 10 - 4 Gauge    | 0.320 (8.13)          | 200            |
| Fig. 42                                          | M-31-427    | B-427 | Vinyl    | BK on WT | 1.000 (25.40)              | 1.500 (38.10)               | 0.500 (12.70)                | 10 - 4 Gauge    | 0.320 (8.13)          | 200            |
| Fig. 42                                          | M-31-427-YL | B-427 | Vinyl    | BK on YL | 1.000 (25.40)              | 1.500 (38.10)               | 0.500 (12.70)                | 10 - 4 Gauge    | 0.320 (8.13)          | 200            |
| Fig. 42                                          | M-32-427    | B-427 | Vinyl    | BK on WT | 1.500 (38.10)              | 1.500 (38.10)               | 0.500 (12.70)                | 10 - 4 Gauge    | 0.320 (8.13)          | 180            |
| Fig. 42                                          | M-21-427    | B-427 | Vinyl    | BK on WT | 1.000 (25.40)              | 2.500 (63.50)               | 0.750 (19.05)                | 3 Gauge - 2/0   | 0.530 (13.46)         | 80             |
| Fig. 42                                          | M-21-427-YL | B-427 | Vinyl    | BK on YL | 1.000 (25.40)              | 2.500 (63.50)               | 0.750 (19.05)                | 3 Gauge - 2/0   | 0.530 (13.46)         | 80             |
| Fig. 42                                          | M-116-427   | B-427 | Vinyl    | BK on WT | 1.500 (38.10)              | 2.500 (63.50)               | 0.750 (19.05)                | 3 Gauge - 2/0   | 0.530 (13.46)         | 80             |
| Fig. 42                                          | M-23-427    | B-427 | Vinyl    | BK on WT | 1.000 (25.40)              | 4.000 (101.6)               | 1.000 (25.40)                | 3/0 - 400 kcmil | 0.850 (21.59)         | 70             |
| Fig. 42                                          | M-23-427-YL | B-427 | Vinyl    | BK on YL | 1.000 (25.40)              | 4.000 (101.6)               | 1.000 (25.40)                | 3/0 - 400 kcmil | 0.850 (21.59)         | 70             |
| Fig. 42                                          | M-33-427    | B-427 | Vinyl    | BK on WT | 1.500 (38.10)              | 4.000 (101.6)               | 1.000 (25.40)                | 3/0 - 400 kcmil | 0.850 (21.59)         | 70             |
| Fig. 42                                          | M-34-427    | B-427 | Vinyl    | BK on WT | 1.500 (38.10)              | 6.000 (152.40)              | 1.500 (38.10)                | 500 - 900 kcmil | 1.300 (33.02)         | 40             |
| <b>Continuous Self-Laminating Vinyl Material</b> |             |       |          |          |                            |                             |                              |                 |                       |                |
| Fig. 42a                                         | MC-750-427  | B-427 | Vinyl    | BK on WT | 25 ft. (7.62 m)            | 0.750 (19.05)               | 0.375 (9.53)                 | 16 - 10 Gauge   | 0.270 (6.86)          | 1 roll (cont.) |
| Fig. 42a                                         | MC-1000-427 | B-427 | Vinyl    | BK on WT | 25 ft. (7.62 m)            | 1.000 (25.40)               | 0.375 (9.53)                 | 12 - 10 Gauge   | 0.850 (21.59)         | 1 roll (cont.) |
| Fig. 42a                                         | MC-1250-427 | B-427 | Vinyl    | BK on WT | 25 ft. (7.62 m)            | 1.250 (31.75)               | 0.500 (12.70)                | 10 - 4 Gauge    | 0.530 (13.46)         | 1 roll (cont.) |
| Fig. 42a                                         | MC-1500-427 | B-427 | Vinyl    | BK on WT | 25 ft. (7.62 m)            | 1.500 (38.10)               | 0.500 (12.70)                | 10 - 4 Gauge    | 0.270 (6.86)          | 1 roll (cont.) |

\* Approximate wire gauge based on AWG for THHN wire.

## BMP®51 and BMP®53 Wire & Cable Material:

### B-342 PermaSleeve® PS Wire Marking Sleeve

These heat-shrink sleeves are the ultimate in marker durability, permanence and aesthetic appearance. Fast shrink rate saves time and costs during installation. Available as individual die-cut markers or continuous cut-to-length tubing.

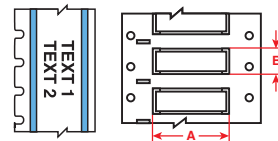
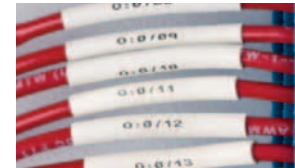


Figure 58

Figure 20b



| Diagram  | Catalog #     | B#    | Material    | Color    | Label Width A<br>Inch (mm) | Label Height B<br>Inch (mm) | Wire Gauge  | Max. Wire Diameter<br>Inch (mm) | Labels/Roll    |
|----------|---------------|-------|-------------|----------|----------------------------|-----------------------------|-------------|---------------------------------|----------------|
| Fig. 58  | MC-125-342    | B-342 | PermaSleeve | BK on WT | 0.235 (5.97)               | 7 ft (2.13 m)               | 22-16 Gauge | 0.046 (1.20) - 0.110 (2.80)     | 1 roll (cont.) |
| Fig. 58  | MC-125-342-YL | B-342 | PermaSleeve | BK on YL | 0.235 (5.97)               | 7 ft (2.13 m)               | 22-16 Gauge | 0.046 (1.20) - 0.110 (2.80)     | 1 roll (cont.) |
| Fig. 58  | MC-187-342    | B-342 | PermaSleeve | BK on WT | 0.335 (8.51)               | 7 ft (2.13 m)               | 20-10 Gauge | 0.062 (1.60) - 0.150 (3.80)     | 1 roll (cont.) |
| Fig. 58  | MC-187-342-YL | B-342 | PermaSleeve | BK on YL | 0.335 (8.51)               | 7 ft (2.13 m)               | 20-10 Gauge | 0.062 (1.60) - 0.150 (3.80)     | 1 roll (cont.) |
| Fig. 58  | MC-250-342    | B-342 | PermaSleeve | BK on WT | 0.439 (11.15)              | 7 ft (2.13 m)               | 16-8 Gauge  | 0.094 (2.40) - 0.215 (5.50)     | 1 roll (cont.) |
| Fig. 58  | MC-250-342-YL | B-342 | PermaSleeve | BK on YL | 0.439 (11.15)              | 7 ft (2.13 m)               | 16-8 Gauge  | 0.094 (2.40) - 0.215 (5.50)     | 1 roll (cont.) |
| Fig. 58  | MC-375-342    | B-342 | PermaSleeve | BK on WT | 0.645 (16.38)              | 7 ft (2.13 m)               | 12-4 Gauge  | 0.125 (3.20) - 0.320 (8.10)     | 1 roll (cont.) |
| Fig. 20b | M-125-1-342   | B-342 | PermaSleeve | BK on WT | 1.015 (25.78)              | 0.235 (5.96)                | 22-16 Gauge | 0.046 (1.20) - 0.110 (2.80)     | 80             |
| Fig. 20b | M-187-1-342   | B-342 | PermaSleeve | BK on WT | 1.015 (25.78)              | 0.335 (8.50)                | 20-10 Gauge | 0.062 (1.60) - 0.150 (3.80)     | 80             |
| Fig. 20b | M-250-1-342   | B-342 | PermaSleeve | BK on WT | 1.015 (25.78)              | 0.439 (11.15)               | 16-8 Gauge  | 0.094 (2.40) - 0.215 (5.50)     | 80             |
| Fig. 20b | M-375-1-342   | B-342 | PermaSleeve | BK on WT | 1.015 (25.78)              | 0.645 (16.38)               | 12-4 Gauge  | 0.125 (3.20) - 0.320 (8.10)     | 80             |

\* Approximate wire gauge based on AWG for THHN wire.



### Get the Job Done Faster with BMP®51 Label Maker Accessories

We have a variety of accessories to speed up the label making process:

- Attach the magnet to apply printer to panel doors, metal ladders or any metal surface
- Li-Ion battery allows you to print over 3,000 labels on a single charge
- Wireless, Ethernet, USB & Bluetooth capabilities give you the flexibility to print labels however you'd like