## ScotchCode ${ }^{T M}$ Write-On Wire Marker Dispensers and Marking Pens

## Application:

Fast, convenient write-on wire marker for marking wire and cable (with a O.D. of 0.9 to 1.32 inches), while providing a self-laminating protective shield over the legend.

Tape Technical Data:
(All Values are Typical Values)

| Material | Transparent vinyl film with acrylic pressure sensitive adhesive |
| :---: | :---: |
| Application Temperature | $50^{\circ} \mathrm{F}$ to $120^{\circ} \mathrm{F}$ |
| Range | $\left(10^{\circ} \mathrm{C}\right.$ to $\left.49^{\circ} \mathrm{C}\right)$ |
| Operating Temperature | $-40^{\circ} \mathrm{F}$ to $176^{\circ} \mathrm{F}$ |
| Range | $\left(-40^{\circ} \mathrm{C}\right.$ to $\left.80^{\circ} \mathrm{C}\right)$ |
| Storage Temperature | $70^{\circ} \mathrm{F}\left(21^{\circ} \mathrm{C}\right)$ |
| Tape Thickness | 3.5 mils ( $0,10 \mathrm{~mm}$ ) |
| Adhesion to Steel (ASTM D-1000) | 35 oz./inch width (383 Newtons/meters) |
| Adhesion to Backing ( at $23^{\circ} \mathrm{C}$ ) | 40 oz./inch width (438 Newton/meters) |
| Tensile Strength | $11 \mathrm{lbs} . /$ inch width |

## Engineering Specification:

A vinyl film with acrylic pressure-sensitive adhesive that provides a self-laminating, protective shield over the legend. Each roll of marking tape shall be placed in a reenterable dispenser for use with a permanent marking pen. Markers shall be manufactured by 3 M .


| Replacement Pens |  |
| :---: | :---: |
| Product No. | Description |
| SMP | Black, Pen |
| SMP-R | Red, Pen |



| Product | No. of Labels <br> per Roll | Write-on <br> Area W x L <br> inches <br> $(\mathbf{m m})$ | Marker Size <br> W x L <br> inches <br> $(\mathbf{m m})$ | Recommended <br> Wire O.D. <br> inches <br> $(\mathbf{m m})$ | Recommended <br> Wire Size <br> AWG <br> $\left(\mathbf{m m}^{2}\right)$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| SWD | 250 | $0.75 \times 0.312$ <br> $(19,0 \times 7,9)$ | $0.75 \times 1.375$ <br> $(19,0 \times 34,9)$ | 0.09 to 0.31 <br> $(2,3$ to 7,9$)$ | 12 to 2 <br> $(4$ to 35$)$ |
| SLW | 70 | $1.0 \times 0.75$ <br> $(25,4 \times 19,0)$ | $1.0 \times 5.0$ <br> $(25,4 \times 127,0)$ | 0.23 to 1.32 <br> $(5,8$ to 33,5$)$ | 4 to 1000 <br> $(22$ to 500$)$ |
| SLS | 170 | $1.0 \times 0.5$ <br> $(25,4 \times 12,7)$ | $1.0 \times 2.125$ <br> $(25,4 \times 54,0)$ | 0.15 to 0.49 <br> $(3,8$ to 12,4$)$ | 6 to $3 / 0$ <br> $(8$ to 95$)$ |



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