

#### Improve processes with Round Tube & Half-Cut technology

# Easy Installation Round Tubing Easily insert the wire

## Useful Operation Half cut tubing is easily cut by hand You can carry tubing easily after half cutting

Would you like to save money and improve your processes? This wire marking system provides a fast and convenient solution, all while delivering industry-leading savings on your material printing cost.

### Tube (Vinyl (PVC) / Drum roll / Not UL certified)

MAX has made the Drum Type Roll our quality standard for tube marking. The drum roll box design allows the tube to feed smoothly and automatically into the printer, making it possible for workers to print large batches without constantly watching the machine.



| Туре             | Specification      |
|------------------|--------------------|
| LM-TU425L2 WHITE | φ2.5mm X 250m/ROLL |
| LM-TU427L2 WHITE | φ2.7mm X 250m/ROLL |
| LM-TU432L2 WHITE | φ3.2mm X 250m/ROLL |
| LM-TU434L2 WHITE | φ3.4mm X 250m/ROLL |
| LM-TU436L2 WHITE | φ3.6mm X 250m/ROLL |
| LM-TU442L WHITE  | φ4.2mm X 200m/ROLL |
| LM-TU452L WHITE  | φ5.2mm X 135m/ROLL |
| LM-TU464L WHITE  | φ6.4mm X 100m/ROLL |
| LM-TU480L WHITE  | φ8.0mm X 70m/ROLL  |
|                  |                    |

#### **Tube** (UL224/E171616/105°C/600V)

The 'N' tube series has acquired the UL224 certification, and provides high insulation performance for sites with this requirement.



| Туре             | Specification (    |
|------------------|--------------------|
| LM-TU332N2 WHITE | φ3.2mm X 100m/ROLL |
| LM-TU336N2 WHITE | φ3.6mm X 100m/ROLL |
| LM-TU342N2 WHITE | φ4.2mm X 80m/ROLL  |
| LM-TU352N2 WHITE | φ5.2mm X 80m/ROLL  |
|                  |                    |

#### Wire size vs Tube size Recommendation

| Wire Size |                     |                     | Recommended Tube Size |
|-----------|---------------------|---------------------|-----------------------|
| USA       | EU                  | JAPAN/ASIA          | φmm (Diameter)        |
| AWG20     | 0.5mm <sup>2</sup>  | 0.5mm <sup>2</sup>  | 2.5/2.7mm             |
| AWG18     | 0.75mm <sup>2</sup> | 0.75mm²             | 2.5/2.7/3.2mm         |
|           | 1.0mm <sup>2</sup>  |                     |                       |
| AWG16     | 1.5mm²              | 1.25mm²             | 2.7/3.2mm             |
| AWG14     | 2.5mm <sup>2</sup>  | 2.0mm <sup>2</sup>  | 3.4/3.6mm             |
| AWG12     | 4.0mm <sup>2</sup>  | 3.5mm <sup>2</sup>  | 4.2/5.2mm             |
| AWG10     | 6.0mm <sup>2</sup>  | 5.5mm <sup>2</sup>  | 5.2/6.4mm             |
| AWG8      | 10.0mm <sup>2</sup> | 8.0mm <sup>2</sup>  | 6.4/8.0mm             |
| AWG6      | 16.0mm <sup>2</sup> | 14.0mm <sup>2</sup> | 8.0mm or bigger       |



## Ink Ribbons for Heat Shrink/Vinyl (PVC) Tube and Polyester Tape















**Economical Re-fill Type Ink Ribbon** 

\*Black ink ribbons is 110m (120.3yard)/roll, white ink ribbon is 70m (76.6yard)/roll.

## Polyester Tapes (Width 5mm/9mm/12mm/White/Yellow/Transparent)



| / AW A                  | / ANV A               |
|-------------------------|-----------------------|
| Туре                    | Specification         |
| LM-TP505W (WHITE)       | (W) 5mm X (L) 16m/PC  |
| LM-TP505Y (YELLOW)      | (W) 5mm X (L) 8m/PC   |
| LM-TP505T (TRANSPARENT) | (W) 5mm X (L) 8m/PC   |
| LM-TP509W (WHITE)       | (W) 9mm X (L) 16m/PC  |
| LM-TP509Y (YELLOW)      | (W) 9mm X (L) 8m/PC   |
| LM-TP509T (TRANSPARENT) | (W) 9mm X (L) 8m/PC   |
| LM-TP512W (WHITE)       | (W) 12mm X (L) 16m/PC |
| LM-TP512Y (YELLOW)      | (W) 12mm X (L) 8m/PC  |
|                         |                       |

## **Other items**







## LETATWIN

TUBE AND TAPE PRINTER FOR ELECTRICAL MARKING



## **How it works**



Check the wire diameter.

| Wire Size (mm² in EU/ASIA/JP) |      | Recommended<br>Tube Size |               |
|-------------------------------|------|--------------------------|---------------|
| USA                           | EU   | JAPAN/ASIA               | φmm           |
| AWG20                         | 0.5  | 0.5                      | 2.5/2.7       |
| AWG18 0.                      | 0.75 | 0.75 2.5/2.7/3           | 2 5/2 7/2 2   |
| AWGIO                         | 1.0  |                          | 2.3/2.7/3.2   |
| AWG16                         | 1.5  | 1.25                     | 2.7/3.2       |
| AWG14                         | 2.5  | 2.0                      | 3.4/3.6       |
| AWG12                         | 4.0  | 3.5                      | 4.2/5.2       |
| AWG10                         | 6.0  | 5.5                      | 5.2/6.4       |
| AWG8                          | 10.0 | 8.0                      | 6.4/8.0       |
| AWG6                          | 16.0 | 14.0                     | 8.0 or bigger |

Select appropriate tubing size.



Set the tubing on LETATWIN.



Make a loop at the end of the wire. to prevent tubing from falling off.



You can carry the half cut printed tubing.



LETATWIN prints and half cut the tubing.



Insert 2 pcs of the tubing.



Strip and Crimp.



Donal



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