



J. M. Engineering Co.

A collage of images related to engineering and manufacturing, including a blue and white airplane, various colored cables, rolls of yellow and green heat shrink sleeves, a circuit board, and wind turbines. A yellow square is positioned behind the 'PRODUCTS' text.

PRODUCTS

A light gray world map is visible in the background of the central section.

Heat Shrink Sleeves Identification Labels



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HMS

Diesel Resistant Identification Sleeves

Description: HMS marker sleeves are used to identify wires and cables where exposure to organic fluids, especially diesel oils, for long period of high of temperatures.

Standard : HMS meets AMS-DTL-23053/6 Class 1, NF F 00608 Categories A&H, SAE-AS 81531, MIL-STD-202F/Method 215J, RoHS

Features

| | |
|------------------------------|--|
| Material | The sleeving shall be fabricated from irradiated, thermally stabilized and flame retarded modified polyolefin compound |
| Application range | Military industry; Aerospace & defense; Marine; |
| Operating temperature range | -55~+135 |
| Minimum recovery temperature | +135 |
| Maximum storage temperature | +50 |
| Shrink ratio | 3:1 |
| Color | White, Yellow, other color is available if ordered |
| Printing mode | Single sided printing and Double sided printing formats available |
| Supplied mode | Either Continuous type or Ladder format type is available |
| Recommended Printers | Either Thermal transfer printer or Laser printer is OK. |
| Recommended Ribbons | N85 resin ribbon, Black, 100mm(width)*300m(length) |

Dimensions

| Part Number | As Supplied (mm) | | | After Recovery(mm) | |
|----------------|------------------|-------------------|-----------------------|--------------------|-----------------------|
| | ID (D) | Flatten Width (W) | Double Wall Thickness | ID (d) | Single Wall Thickness |
| HMS-M-3X-2.4- | 2.79±0.20 | 5.0±0.3 | 0.47±0.10 | 0.79 | 0.57±0.06 |
| HMS-M-3X-3.2- | 3.64±0.23 | 6.3±0.4 | 0.48±0.10 | 1.06 | 0.61±0.06 |
| HMS-M-3X-4.8- | 5.26±0.25 | 8.9±0.4 | 0.49±0.10 | 1.59 | 0.67±0.06 |
| HMS-M-3X-6.4- | 6.92±0.28 | 11.5±0.4 | 0.50±0.10 | 2.13 | 0.71±0.06 |
| HMS-M-3X-9.5- | 10.2±0.32 | 16.7±0.5 | 0.52±0.11 | 3.18 | 0.77±0.06 |
| HMS-M-3X-12.7- | 13.5±0.36 | 21.8±0.6 | 0.53±0.11 | 4.23 | 0.80±0.07 |
| HMS-M-3X-19- | 20.1±0.40 | 32.2±0.6 | 0.55±0.11 | 6.35 | 0.84±0.07 |
| HMS-M-3X-25- | 26.7±0.45 | 42.5±0.7 | 0.56±0.12 | 8.47 | 0.86±0.07 |
| HMS-M-3X-38- | 39.8±0.51 | 63.2±0.8 | 0.57±0.12 | 12.9 | 0.89±0.07 |

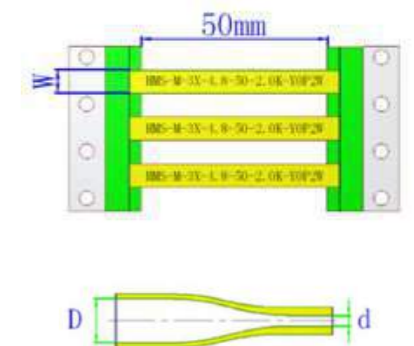
Package Information

| Ordering Size (HMS-M-3X) | Ladder Format Type | Continuous Type | |
|--------------------------|---------------------------------|-------------------------------|---------------------------------|
| | A&B-Small Box Packing (PCS/Box) | A-Paper reel Packing (m/reel) | B-Plastic reel Packing (m/reel) |
| 2.4 | 2500 | 50 | 25 |
| 3.2 | 2000 | 100 | 25 |
| 4.8 | 2000 | 100 | 25 |
| 6.4 | 2000 | 100 | 25 |
| 9.5 | 1000 | 100 | 25 |
| 12.7 | 1000 | 100 | 25 |
| 19 | 500 | 100 | 25 |
| 25 | 500 | 100 | 25 |
| 38 | 500 | 50 | 25 |

Part Numbering System

HMS-M-3X-4.8-50-2.0K-Y0 P2 W

- Package: W for WOLABLE painting package.O for OEM package
- Printing: P0/P1/P2 for printing/single-side printing/ double-side printing
- Dash line: 0/1/2/3.....for not need/one line/two-line/three-line.....
- Color: Y for yellow, W for white and ten colors are available
- Standard pack: 2.5K/2K/1.5K/1K/0.5K/0.25K for 2500/...../500 and 250 pieces
- Sleeve length: nominal length is 50mm(the total length is 56.5mm)
- Expanded ID: as supplid,nominal inside diameter
- Expansion ratio: 3X refers to 3:1
- Standard wall thickness
- Product family:HMS refer to AMS-DTL-23053/6



| Color code | BL | Br | R | Or | Y | G | Blu | V | Gr | W |
|------------|-------|-------|-----|--------|--------|-------|------|--------|------|-------|
| Color | Black | Brown | Red | Orange | Yellow | Green | Blue | Violet | Grey | White |

Note Yellow and white are standard, other color is available if ordered.