



FLEXO® TINNED COPPER FLAT

FLAT CONSTRUCTION • COMPLIES WITH CID A-A-59569

WIRE MEETS ASTM-B 33 • POINT-TO-POINT PATH • IDEAL FOR RETROFIT APPLICATIONS

Like the Tubular construction of our Flexo® Tinned Copper, Tinned Copper Flat (MFN) provides excellent shielding efficiency and easy radial termination. Both durable and flexible, it can be used to create a low resistance point-to-point ground strap. The braid is also an ideal solution to providing additional shielding to cables in retrofit applications. Tinned copper braided sleeving provides superior attenuation of greater than 60 dB over wide frequencies, ranging from a few kilohertz (kHz) to several gigahertz (GHz). Braided sleeving provides superior flexibility and ease of installation compared to foil wrapped cable.

SIZING CHART

| Nominal Size | Part # | Wire Thickness | *Put-Ups | | Available Colors | Lbs/100' |
|--------------|-----------|----------------|----------|------|------------------|----------|
| | | | M | L | | |
| 1/8" | MFN0.13SV | .005" | 100' | 250' | 1 | 0.70 |
| 3/16" | MFN0.19SV | .005" | 100' | 250' | 1 | 1.10 |
| 1/4" | MFN0.25SV | .005" | 100' | 250' | 1 | 2.00 |
| 3/8" | MFN0.38SV | .005" | 100' | 250' | 1 | 2.40 |
| 5/8" | MFN0.63SV | .005" | 50' | 100' | 1 | 3.60 |
| 3/4" | MFN0.75SV | .005" | 50' | 100' | 1 | 7.70 |
| 1" | MFN1.00SV | .005" | 50' | 100' | 1 | 7.90 |
| 1 3/8" | MFN1.38SV | .010" | 50' | 100' | 1 | 12.00 |
| 1 1/2" | MFN1.50SV | .010" | 50' | 100' | 1 | 18.20 |
| 2" | MFN2.00SV | .010" | 50' | 100' | 1 | 46.10 |
| 3" | MFN3.00SV | .010" | 25' | 50' | 1 | 77.70 |

*Put-Ups: "M" = Shop Spool and "L" = Bulk Spool

FEATURES

| | |
|----------------|--------------------|
| Material | Tinned Copper Flat |
| Grade | MFN |
| Wire Thickness | .005"-.010" |
| Drawing Number | TF001MFN-WD |
| Cutting | Shears |

COLORS



Silver (SV)

CERTIFICATIONS





| Nominal Size | Part # | AWG Ends | Carriers | Wires/Carrier | Current Capacity Amps |
|--------------|-----------|----------|----------|---------------|-----------------------|
| 1/8" | MFN0.13SV | 36 | 24 | 3 | 16 |
| 3/16" | MFN0.19SV | 36 | 24 | 5 | 25 |
| 1/4" | MFN0.25SV | 36 | 24 | 10 | 40 |
| *3/8" | MFN0.38SV | 36 | 48 | 6 | 40 |
| 5/8" | MFN0.63SV | 36 | 48 | 8 | 53 |
| 3/4" | MFN0.75SV | 36 | 48 | 18 | 88 |
| *1" | MFN1.00SV | 36 | 48 | 18 | 85 |
| 1 3/8" | MFN1.38SV | 36 | 48 | 7 | 100 |
| 1 1/2" | MFN1.50SV | 36 | 48 | 11 | 145 |
| *2" | MFN2.00SV | 36 | 48 | 28 | 255 |
| *3" | MFN3.00SV | 36 | 48 | 47 | 390 |

*Not on Spec - CID A-A-59569 (formerly Mil Spec QQB-575)s

PHYSICAL PROPERTIES

| | |
|-------------------------------|---------------|
| Wire Thickness (ASTM D-204) | .005"-.010" |
| Flammability Rating (SAEJ369) | Non Flammable |
| Recommended Cutting | Shears |
| Colors | 1 |
| Wall Thickness | NA |
| Specific Gravity (ASTM D-792) | 8.9 |

FLAMMABILITY

| | |
|--------|---------------|
| Rating | Non Flammable |
|--------|---------------|

OPERATING TEMPERATURES

| | |
|----------------------------------|---|
| Melt Point (ASTM D-2117) | Copper 1,981°F / 1,083°C Tin 450°F / 232°C |
| Maximum Continuous (Mil-I-23053) | °F / °C |
| Minimum Continuous (Mil-I-23053) | °F / °C |

CHEMICAL RESISTANCE

1=No Effect 2=Little Effect 3=Affected 4=More Affected 5=Severely Affected

| | |
|------------------------------|-----|
| Aromatic Solvents | 1 |
| Aliphatic Solvents | 1 |
| Chlorinated Solvents | 1 |
| Weak Bases | 1 |
| Salts | 1 |
| Strong Bases | 2 |
| Salt Water (0-S-1926) | 1 |
| Hydraulic Fluid (MIL-H-5606) | 1 |
| Lube Oil (MIL-L-7808) | 1 |
| De-Icing Fluid (MIL-A-8243) | 1 |
| Strong Acids | 5 |
| Strong Oxidants | 5 |
| Esters/Ketones | 1 |
| UV Light | 2 |
| Petroleum | 2 |
| Fungus (ASTM G-21) | 2 |
| Halogen Free | Yes |
| RoHS | Yes |
| SVHC | NA |

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