



**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	Kgs/100m
			M	L		
3,2mm	MFN0.13SV	0,13mm	30,5m	76,2m	1	1,04
4,8mm	MFN0.19SV	0,13mm	30,5m	76,2m	1	1,64
6,4mm	MFN0.25SV	0,13mm	30,5m	76,2m	1	2,98
*9,5mm	MFN0.38SV	0,13mm	30,5m	76,2m	1	3,57
15,9mm	MFN0.63SV	0,13mm	15,2m	30,5m	1	5,36
19,1mm	MFN0.75SV	0,13mm	15,2m	30,5m	1	11,46
*25,4mm	MFN1.00SV	0,13mm	15,2m	30,5m	1	11,76
34,9mm	MFN1.38SV	0,25mm	15,2m	30,5m	1	17,86
38,1mm	MFN1.50SV	0,25mm	15,2m	30,5m	1	27,08
*50,8mm	MFN2.00SV	0,25mm	15,2m	30,5m	1	68,60
*76,2mm	MFN3.00SV	0,25mm	7,6m	15,2m	1	115,63

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

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



**FEATURES**

Material	Tinned Copper Flat
Grade	MFN
Wire Thickness	0,13mm - 0,25mm
Drawing Number	TF001MFN-WD
Cutting	Shears

**COLORS**



Silver (SV)

**CERTIFICATIONS**





Nominal Size	Part #	AWG Ends	Carriers	Wires/Carrier	Current Capacity Amps
3,2mm	MFN0.13SV	36	24	3	16
4,8mm	MFN0.19SV	36	24	5	25
6,4mm	MFN0.25SV	36	24	10	40
*9,5mm	MFN0.38SV	36	48	6	40
15,9mm	MFN0.63SV	36	48	8	53
19,1mm	MFN0.75SV	36	48	18	88
*25,4mm	MFN1.00SV	36	48	18	85
34,9mm	MFN1.38SV	36	48	7	100
38,1mm	MFN1.50SV	36	48	11	145
*50,8mm	MFN2.00SV	36	48	28	255
*76,2mm	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)	0,13mm - 0,25mm
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
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## 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