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		
⅛”	MFN0.13SV	.005”	100’	250’	1	0.70
3⁄16”	MFN0.19SV	.005”	100’	250’	1	1.10
¼”	MFN0.25SV	.005”	100’	250’	1	2.00
⅜”	MFN0.38SV	.005”	100’	250’	1	2.40
½"	MFN0.50SV	.005"	50'	100'	1	3.20
⅝”	MFN0.63SV	.005”	50’	100’	1	3.60
¾”	MFN0.75SV	.005”	50’	100’	1	7.70
1”	MFN1.00SV	.005”	50’	100’	1	7.90
1⅜”	MFN1.38SV	.010”	50’	100’	1	12.00
1½”	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

RoHS Compliant · Prop 65 CLEAN · Recycle

TECHFLEX® Braided Sleeving Products

METAL & SHIELDING
Technical Data Sheet

FLEXO TINNED COPPER FLAT®

Nominal Size	Part #	AWG Ends	Carriers	Wires/ Carrier	Current Capacity Amps
⅛"	MFN0.13SV	36	24	3	16
3⁄16"	MFN0.19SV	36	24	5	25
¼"	MFN0.25SV	36	24	10	40
*⅜"	MFN0.38SV	36	48	6	40
½"	MFN0.50SV	36	48	8	53
⅝"	MFN0.63SV	36	48	8	53
¾"	MFN0.75SV	36	48	18	88
*1"	MFN1.00SV	36	48	18	85
1⅜"	MFN1.38SV	36	48	7	100
1½"	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	°F / °C
Minimum Continuous	°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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