

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Techflex](#)

[MBN0.16SV](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



METAL & SHIELDING Technical Data Sheet

- EMI, RFI, ESD Protection
- Grounding Straps
- Engine Dress-Up
- Complies With
CID A-A-59569
- Extreme Blowout
Protection
- Expands For Easy
Installation
- Cut And Abrasion
Resistant



Cut Cleanly
Scissors

Material

Tinned Copper

Grade

MBN

Wire Thickness

.005" - .010"

Nominal Size	Part #	Wall Thickness	Wire Thickness	Put-Ups		Available Colors	Lbs/ 100'
				Bulk Spool	Shop Spool		
1/16"	MBN0.06SV	0.013"	0.005"	250'	100'	Silver	0.40
7/64"	MBN0.11SV	0.013"	0.005"	250'	100'	Silver	0.80
1/8"	MBN0.13SV	0.013"	0.005"	250'	100'	Silver	1.30
5/32"	MBN0.16SV	0.013"	0.005"	250'	100'	Silver	2.10
13/64"	MBN0.20SV	0.013"	0.005"	250'	100'	Silver	2.50
1/4"	MBN0.25SV	0.013"	0.005"	250'	100'	Silver	2.20
3/8"	MBN0.38SV	0.013"	0.005"	250'	100'	Silver	3.30
1/2"	MBN0.50SV	0.013"	0.005"	100'	50'	Silver	3.50
5/8"	MBN0.63SV	0.016"	0.006"	100'	50'	Silver	3.60
25/32"	MBN0.78SV	0.013"	0.005"	100'	50'	Silver	7.35
7/8"	MBN0.88SV	0.025"	0.010"	100'	50'	Silver	10.30
1"	MBN1.00SV	0.025"	0.010"	100'	50'	Silver	13.15
1 1/8"	MBN1.13SV	0.025"	0.010"	100'	50'	Silver	13.80
1 1/4"	MBN1.25SV	0.025"	0.010"	100'	50'	Silver	16.50
1 3/8"	MBN1.38SV	0.025"	0.010"	100'	50'	Silver	16.90
1 1/2"	MBN1.50SV	0.025"	0.010"	100'	50'	Silver	18.40
2"	MBN2.00SV	0.025"	0.010"	100'	50'	Silver	22.70
2 1/4"	MBN2.25SV	0.025"	0.010"	100'	50'	Silver	23.60

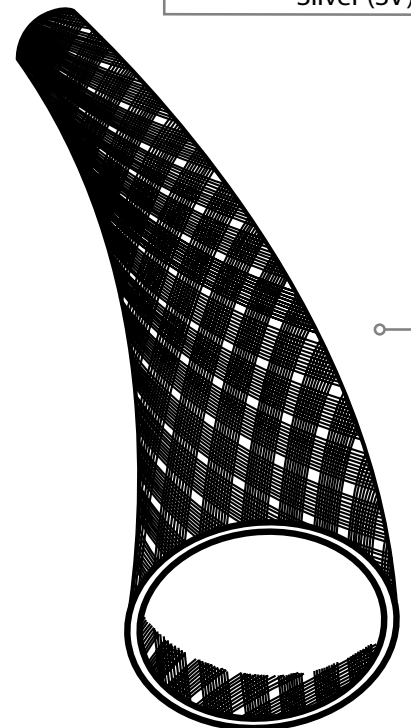
Tinned Copper Sleeve For Shielding, Grounding And Decoration. Provides Shield Coverage of 90% Minimum!

Our skill with braided sleeving extends to many materials including metal braid for a variety of applications. Our tinned copper braid is perfect for shielding on harnesses and cables. Wire conforms to ASTM-B 33.

The material is also great for hose covering on hot rods and motorcycles.

(This product was previous known as Metal Braid.)

Colors Available:
Silver (SV)

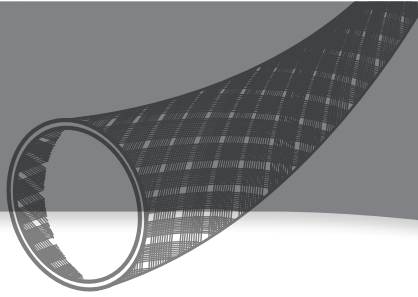


www.techflex.com

800.323.5140 • 973.300.9242 • fax: 973.300.9409
104 Demarest Road • Sparta, NJ 07871



METAL & SHIELDING
Technical Data Sheet



Nominal Size	Part #	Wall Thickness	Wire Thickness	Bulk Spool	Shop Spool	Available Colors	Lbs/ 100'
HEAVY DUTY CONSTRUCTION							
1/2"	MBH0.50SV	0.025"	0.010"	100'	50'	Silver	12.00
FLAT CONSTRUCTION							
1/8"	MFN0.13SV	0.013"	0.005"	250'	100'	Silver	0.70
3/16"	MFN0.19SV	0.013"	0.005"	250'	100'	Silver	1.10
1/4"	MFN0.25SV	0.013"	0.005"	250'	100'	Silver	2.00
3/8"	MFN0.38SV	0.013"	0.005"	250'	100'	Silver	2.40
5/8"	MFN0.63SV	0.013"	0.005"	100'	50'	Silver	3.60
3/4"	MFN0.75SV	0.013"	0.005"	100'	50'	Silver	7.70

Melt Point
ASTM D-2117
449°F (232°C)



CHEMICAL RESISTANCE

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

Aromatic Solvents _____ 1
Aliphatic Solvents _____ 1
Chlorinated Solvents _____ 1
Weak Bases _____ 1
Salts _____ 1
Strong Bases _____ 2
Salt Water 0-5-1926 _____ 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/Keytones _____ 1
UV Light _____ 2
Petroleum _____ 2
Fungus ASTM G-21 _____ 2
Halogen Free _____ Yes
RoHS _____ Yes



PHYSICAL PROPERTIES

Monofilament Diameter _____ .005-.010
ASTM D-204
Flammability Rating _____ Non Flammable
Recommended Cutting _____ Shears
Colors _____ 1
Wall Thickness _____ .013-.025
Specific Gravity ASTM D-792 _____ 8.9
Moisture Absorption _____ NA
% ASTM D-570



FLAMMABILITY

Rating _____ Non Flammable