

# METAL BRAID

- 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"

Put-Ups

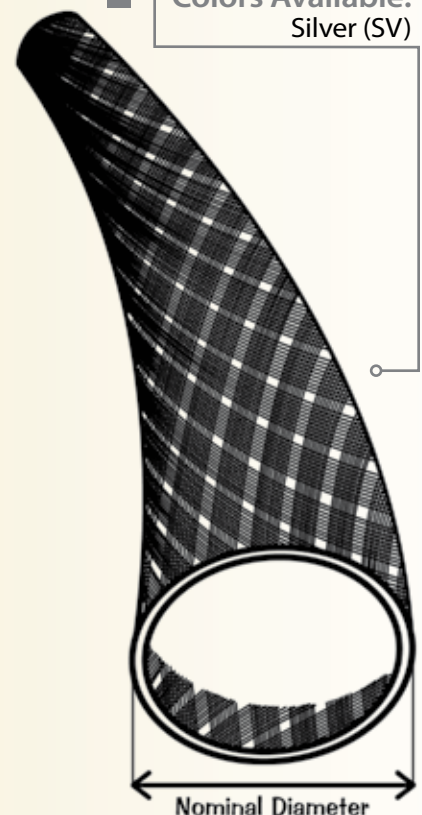
Nominal Size	Part #	Wall Thickness	Wire Thickness	Bulk Spool	Shop Spool	Available Colors	Lbs/100'
1/16"	MBN0.06SV	0.013"	0.005"	250'	100'	Silver	0.40
1/8"	MBN0.13SV	0.013"	0.005"	250'	100'	Silver	1.30
5/32"	MBN0.16SV	0.013"	0.005"	250'	100'	Silver	2.10
1/4"	MBN0.25SV	0.013"	0.005"	250'	100'	Silver	2.20
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 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 1/4"	MBN2.25SV	0.025"	0.010"	100'	50'	Silver	23.60
<b>HEAVY DUTY CONSTRUCTION</b>							
1/2"	MBH0.50SV	0.025"	0.010"	100'	50'	Silver	12.00
<b>FLAT CONSTRUCTION</b>							
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

Colors Available:  
Silver (SV)

## 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.



[www.techflex.com](http://www.techflex.com)

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# METAL BRAID



Rating \_\_\_\_ Non Flammable

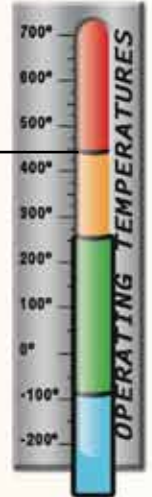


## Chemical Resistance

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-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/Keytones	_____	1
UV Light	_____	2
Petroleum	_____	2
Fungus ASTM G-21	_____	2
Halogen Free	_____	Yes
RoHS	_____	Yes

Melt Point  
 ASTM D-2117  
**449°F (232°C)**



## 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 \_\_\_\_\_ NA  
 Moisture Absorption \_\_\_\_\_ NA  
 % ASTM D-570

Nominal Size	Part #	AWG of Ends	Carriers	Wires/Carrier	Current Capacity Amps
1/16"	MBN0.06SV	36	24	2	11
1/8"	MBN0.13SV	36	24	5	25
5/32"	MBN0.16SV	36	24	10	40
1/4"	MBN0.25SV	36	24	16	53
3/8"	MBN0.38SV	36	48	8	53
1/2"	MBN0.50SV	36	48	11	62
5/8"	MBN0.63SV	34	48	8	64
25/32"	MBN0.78SV	36	48	18	88
7/8"	MBN0.88SV	30	48	7	100
1"	MBN1.00SV	30	48	8	120
1 1/8"	MBN1.13SV	30	48	9	130
1 3/8"	MBN1.38SV	30	48	11	150
1 1/2"	MBN1.50SV	30	48	12	165
2 1/4"	MBN2.25SV	30	48	16	190
<b>HEAVY DUTY CONSTRUCTION</b>					
1/2"	MBH0.50SV	30	24	15	120
<b>FLAT CONSTRUCTION</b>					
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	85

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