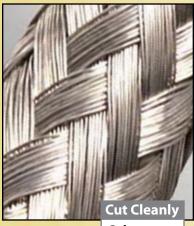
# *METAL/SHIELDING* Technical Data Sheet

# METAL BRAID

Put-Ups -

	EMI,	RFI,	<b>ESD</b>	Prote	ction
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- Grounding Straps
- Engine Dress-Up
- Cid A-A-59569
- Extreme Blowout Protection
- Expands For Easy Installation
- Cut And Abrasion Resistant



Scissors

#### Material Tinned Copper

### Grade

MBN

Wire Thickness .005" - .010"



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Nominal Size	Part #	Wall Thickness	Wire Thickness	Bulk Spool	Shop Spool	Retail	Bag	Available Colors	Lbs/ 100'
5/32″	MBN0.16SV	0.013″	0.005″	250′	100′	25′	5′	Silver	2.10
1/4″	MBN0.25SV	0.013″	0.005″	250′	100′	25′	5′	Silver	2.20
3/8″	MBN0.38SV	0.013″	0.005″	250′	100′	25′	5′	Silver	3.30
1/2″	MBN0.50SV	0.013″	0.005″	100′	50′	25′	5′	Silver	3.50
5/8″	MBN0.63SV	0.016″	0.006"	100′	50′	n/a	5′	Silver	3.60
25/32″	MBN0.78SV	0.013″	0.005″	100′	50′	n/a	5′	Silver	7.35
7/8″	MBN0.88SV	0.025″	0.010"	100′	50′	n/a	5′	Silver	10.30
1″	MBN1.00SV	0.025″	0.010"	100′	50′	n/a	5′	Silver	13.15
1 1/2″	MBN1.50SV	0.025″	0.010"	100′	50′	n/a	5′	Silver	18.40
2 1/4"	MBN2.25SV	0.025″	0.010"	100′	50′	n/a	5′	Silver	23.60
HEAVY D	HEAVY DUTY CONSTRUCTION								
1/2″	MBH0.50SV	0.025″	0.010″	100′	50′	25′	5′	Silver	12.00

#### Tinned Copper Sleeve For Shielding, Grounding And Decoration

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.

High end automotive applications have always used metal braided onto hoses for looks, protection and durability.

Nominal Size	Part #	AWG of Ends	Carriers	Wires/ Carrier	Current Capacity Amps		
5/32″	MBN0.16	36	24	10	40		
1/4″	MBN0.25	36	24	16	53		
3/8″	MBN0.38	36	48	8	53		
1/2″	MBN0.50	36	48	11	62		
5/8″	MBN0.63	36	48	15	70		
25/32″	MBN0.78	36	48	18	88		
7/8″	MBN0.88	30	48	7	100		
1″	MBN1.00	30	48	8	120		
1 1/2″	MBN1.50	30	48	12	145		
2 1/4"	MBN2.25	30	48	16	190		
HEAVY D	HEAVY DUTY CONSTRUCTION						
1/2″	MBH0.50	30	24	15	120		

#### Colors Available: Silver (SV)







## **METAL/SHIELDING Technical Data Sheet**







Rating\_

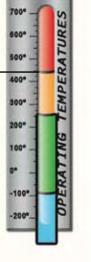
Non Flammable

# Chemical Resistance

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

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

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



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# PHYSICAL PROPERTIES

Monofilament DiameterC ASTM D-204	05010
Flammability RatingNon Fla	mmable
Recommended Cutting	Shears
Colors	1
Wall Thickness0	13025
Tensile Strength (Yarn) ASTM D-2256 Lbs	
Specific Gravity ASTM D-792	NA
Moisture Absorption % ASTM D-570	NA
Hard Vacuum Data ASTM E-595 at	10-5 torr
TML	
CVCM	
WVR	
Smoke D-Max ASTM E-662	
Outgassing	
Oxvaen Index	

Oxygen Index\_ ASTM D-2863

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