METAL/SHIELDING Technical Data Sheet

METAL BRAID

- EMI, RFI, ESD Protection
- 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

MRN

Wire Thickness
.005″010″



www.techflex.com 800.323.5140 • 973.300.9242 • fax: 973.300.9409 29 Brookfield Dr • Sparta, NJ 07871

	-				Put	-Ups			
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 1/8″	MBN1.13SV	0.025″	0.010"	100′	50'	n/a	5′	Silver	13.80
1 3/8″	MBN1.38SV	0.025″	0.010"	100′	50'	n/a	5′	Silver	16.90
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 DUTY CONSTRUCTION									
1/2″	MBH0.50SV	0.025″	0.010"	100′	50′	25′	5′	Silver	12.00

Dest II.

Tinned Copper Sleeve For Shielding, Grounding And Decoration

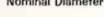
Our skill with braided sleeving extends to many materials including metal braid for a variety of applications. Our tinned copper braid is perfect for shielding on harnesses and cables. Wire conforms to ASTM-B 33.

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″	MBN0.16SV	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	
HEAVY DUTY CONSTRUCTION						
1/2″	MBH0.50	30	24	15	120	







METAL/SHIELDING Technical Data Sheet







Rating ____ Non Flammable

Chemical Resistance

1=No Effect 4=More Affected 2=Little Effect5=Severely Affected 3=Affected

Aromatic Solvents	1
Aliphatic Solvents	1
Chlorinated Solvents	
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

ASTM D-2117 449°F (232°C)-

Melt Point

100

www.techflex.com

PHYSICAL

Monofilament Diameter_ ASTM D-204	.005010
Flammability Rating	Non Flammable
Recommended Cutting_	Shears
Colors	1
Wall Thickness	.013025
Specific Gravity ASTM D	- <i>792</i> NA
Moisture Absorption % ASTM D-570	NA

© 2011 Techflex, Inc. - Any unauthorized reproduction, in whole or part, in any medium whatsoever, without the express written permission of Techflex, Inc. is strictly forbidden. Techflex product names and logos are registered trademarks of Techflex, Inc., unless otherwise attributed. The contents and illustrations contained herein are believed to be reliable. Techflex makes no warranties as to their accuracy or completeness and disclaims any liability in connection with their use. Techflex's only obligations are those in standard terms of sale for these products and Techflex will not be liable for any consequential or other damages arising due to misuse of these products or typographical errors or omissions. Users should make their own evaluation to determine the suitability of these products for their unique and specific applications. 02-11