FLEXO® COPPER

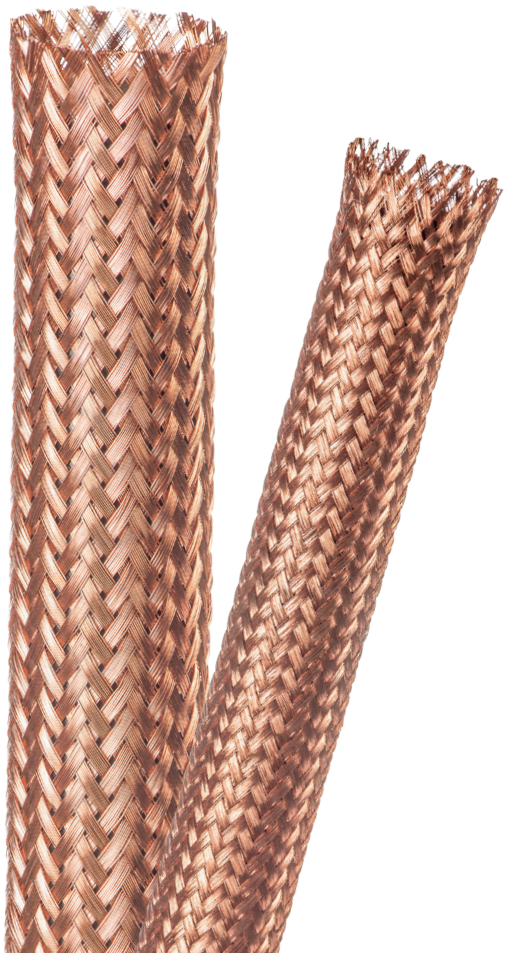
PERFECT FOR GROUNDING & SHIELDING · 100% COPPER BRAID PROVIDES EXCELLENT CURRENT TRANSMISSION

Techflex® high purity Copper Sleeve is a 100% copper braid for grounding , shielding, and many other unique projects. Our copper series of metal braids are pure metal with no fillers or coating to provide many years of continuous use. Our braid is suitable for hoses, wires, and other lines on a wide variety of applications. Techflex® Flexo® Copper braid will provide high flexibility and excellent current transmission for your demanding uses.

SIZING CHART

Nominal Size	Part #	Wall Thiskness	Min Expansion	Max Expansion	*Put-Ups		Available Colors	Lbs/ 100’
					M	L		
⅛”	MBC0.13CP	.015”	⅛”	¼”	25’	250’	1	0.90
¼”	MBC0.25CP	.025”	¼”	⅜”	25’	100’	1	3.00
⅜”	MBC0.38CP	.018”	⅜”	¾”	25’	100’	1	3.10
½”	MBC0.50CP	.020”	½	1”	25’	100’	1	4.10
¾”	MBC0.75CP	.025”	¾”	1¼”	25’	100’	1	7.90
1”	MBC1.00CP	.040”	1”	1¾”	25’	100’	1	14.00
1½”	MBC1.50CP	.055”	1½”	2⅛”	25’	100’	1	20.00
2¼”	MBC2.25CP	.060”	2¼”	3 3⁄16”	25’	100’	1	26.00

*Put-Ups: **“M”** = Shop Spool and **“L”** = Bulk Spool



FEATURES

Material	**Copper**
Grade	**MBC**
Wall Thickness	**.015”-.055”**
Drawing Number	**TF001MBC-WD**
Cutting	**Shears**

COLORS



Copper (CP)

CERTIFICATIONS

RoHS Compliant

Prop 65 CLEAN

TECHFLEX
Braided Sleeving Products

METAL & SHIELDING
Technical Data Sheet

ABRASION

Abrasion Resistance	**NA**
Abrasion Test Machine	Taber 5150
Abrasion Test Wheel	Calibrase H-18
Abrasion Test Load	500g
Room Temperature	°F
Humidity	%
Material Distroyed	NA
Pre-Test Weight	NA
Post-Test Weight	NA
Test End Loss Of Mass Point Of Destruction	NA

PHYSICAL PROPERTIES

Monofilament Diameter *(ASTM D-204)*	.005”
Flammability Rating *(SAEJ369)*	Non Flammable
Recommended Cutting	Shears
Colors	1
Wall Thickness	.015”-.055”
Abrasion	NA
Specific Gravity *(ASTM D-792)*	NA
Moisture Absorption % *(ASTM D-570)*	NA
Hard Vacuum Data *(ASTM E-595 at 10-5 torr)*	NA
TML	NA
CVCM	NA
WVR	NA
Smoke D-Max *(ASTM E-662)*	NA
Outgassing	NA
Oxygen Index *(ASTM D-2863)*	NA

FLAMMABILITY

Rating	Non Flammable

OPERATING TEMPERATURES

Melt Point *(ASTM D-2117)*	1,981°F / 1,083°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	2
Weak Bases	1
Salts	1
Strong Bases	5
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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