



## FLEXO® BRASS

### PERFECT FOR DECORATIVE APPLICATIONS · ANTIMICROBIAL & GERMICIDAL PROPERTIES PROVIDES FORM & FUNCTIONALITY

Techflex® Flexo® Brass can be a useful and beautiful part of your next project. The decorative features of Brass are obvious, but many people don't know that Brass is actually an alloy of Copper and Zinc. Our Brass is designed for both looks and functionality and can be adapted to create custom hoses and brake lines. Designers and engineers may also use our Brass braid for its natural antimicrobial and germicidal properties. Contact with our Brass braid can kill harmful microorganisms within minutes. Brass braid has been used in "Steampunk" creations of all kinds to bring the hoses of the industrial revolution back to life today.

#### SIZING CHART

Nominal Size	Part #	Wall Thickness	Min Expansion	Max Expansion	*Put-Ups		Available Colors	Lbs/100'
					M	L		
1/8"	MBB0.13BRS	.015"	1/8"	1/4"	250'	25'	1	0.90
1/4"	MBB0.25BRS	.027"	1/4"	3/8"	100'	25'	1	3.00
3/8"	MBB0.38BRS	.015"	3/8"	3/4"	100'	25'	1	3.00
1/2"	MBB0.50BRS	.020"	1/2"	1"	100'	25'	1	4.20

\*Put-Ups: "M" = Shop Spool and "L" = Bulk Spool



#### FEATURES

Material	Brass
Grade	MBB
Wall Thickness	.015"-.027"
Drawing Number	TF001MBB-WD
Cutting	Shears

#### COLORS



Brass (BRS)

#### CERTIFICATIONS





## ABRASION

Abrasion Resistance	NA
Abrasion Test Machine	Taber 5150
Abrasion Test Wheel	Calibrase H-18
Abrasion Test Load	500g
Room Temperature	°F
Humidity	%
Material Destroyed	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"-.027"
Abrasion	Medium
Specific Gravity (ASTM D-792)	8.5
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
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## OPERATING TEMPERATURES

Melt Point (ASTM D-2117)	1,650°F-1,720°F / 900°C-940°C
Maximum Continuous (Mil-I-23053)	°F / °C
Minimum Continuous (Mil-I-23053)	°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