



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 |
|--------|---------------|

OPERATING TEMPERATURES

| | |
|--------------------------|-------------------------------|
| Melt Point (ASTM D-2117) | 1,650°F-1,720°F / 900°C-940°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 |