



MYLAR™

- Economical And Easy To Install
- Expands Up To 150%
- Conductive Mylar For Shielding Applications
- Cut And Abrasion Resistant
- Halogen Free



**Cut Cleanly
Hot Knife**

Material
PET / Mylar

Grade
MYN/MYE

Monofilament Diameter
.010"

Drawing Number
TF001MY-WD

Put-Ups

| Nominal Size | Part # | Expansion Range | | Bulk Spool | Shop Spool | Retail | Bag | Available Colors | Lbs/100' |
|--------------|-----------|-----------------|--------|------------|------------|--------|-----|------------------|----------|
| | | Min | Max | | | | | | |
| 1/4" | MYN0.25 | 1/8" | 7/16" | 1,000' | 200' | 100' | 10' | GL & SV | 0.17 |
| 1/2" | MYN0.50 | 1/4" | 1" | 500' | 100' | 50' | 10' | GL & SV | 0.35 |
| 3/4" | MYN0.75GL | 5/8" | 1 3/4" | 250' | 75' | 35' | 10' | GL | 0.52 |

Put-Ups

| Nominal Size | Part # | Expansion Range | | Bulk Spool | Shop Spool | Retail | Bag | Available Colors | Lbs/100' |
|--------------|-----------|-----------------|--------|------------|------------|--------|-----|------------------|----------|
| | | Min | Max | | | | | | |
| 1/8" | MYE0.13PC | 1/16" | 5/32" | 1,000' | 225' | 110' | 10' | PC | 0.08 |
| 1/4" | MYE0.25PC | 5/32" | 5/16" | 1,000' | 200' | 100' | 10' | PC | 0.10 |
| 3/8" | MYE0.38PC | 5/16" | 15/32" | 500' | 125' | 65' | 10' | PC | 0.11 |
| 1/2" | MYE0.50PC | 1/4" | 3/4" | 500' | 100' | 50' | 10' | PC | 0.42 |

Lightweight Economical Metallic Alternative

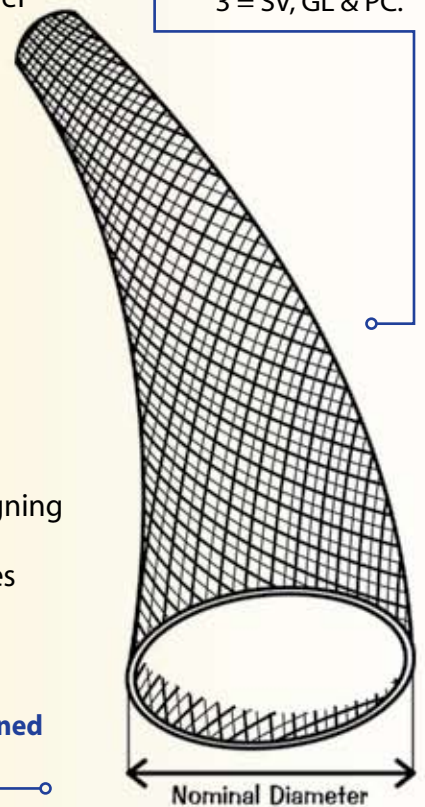
When your needs don't call for the durability or toughness of our CH or CX sleeving, Mylar (MY) is an ideal, economical alternative. MY is perfect for cosmetic applications and a wide variety of installation methods create dramatic results.

Audiophile cable builders often use MY under other sleeving types to create a unique, custom visual effect. Applications that combine MY with a more robust sleeving will withstand abrasion and general use and still have the custom, "Wow!" effect cable fabricators are looking for.

Braided from thin metallic Mylar strips along with transparent PET monofilament, MY creates a sparkling, highly reflective effect.

MY can be used instead of Mylar sheets to wrap and bundle cables. Light weight and economy make MY an ideal product for designing and tying fishing lures of all types and sizes. Several world records have been set with lures constructed with Techflex sleeving.

- Colors Available:
3 = SV, GL & PC.



Spectacular highlights and unique visual effects are achieved when Mylar is combined with other sleeving types.

Colors Available:



Silver (SV) and Gold (GL) and Pearlescent Clear (PC).



www.techflex.com

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MYLAR™



Abrasion Resistance
Very Low

Abrasion Test Machine
Taber 5150

Abrasion Test Wheel
Calibrase H-18

Abrasion Test Load
500g

Room Temperature
70°F

Humidity
56%

Many Broken Strands - Heavy Wear To Gold Mylar Filaments. PET Braid Remains Intact.
20 Test Cycles

Material Destroyed
90 Test Cycles

Pre-Test Weight
962.2 mg

Post-Test Weight
890.5 mg

Test End Loss Of Mass Point Of Destruction
71.7 mg



Chemical Resistance

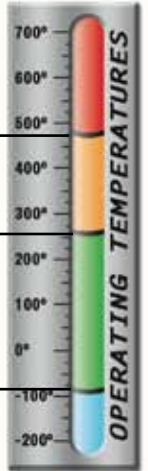
1=No Effect 4=More Affected
 2=Little Effect 5=Severely Affected
 3=Affected

| | |
|----------------------------------|------|
| Aromatic Solvents_____ | 2 |
| Aliphatic Solvents_____ | 1 |
| Chlorinated Solvents_____ | 3 |
| Weak Bases _____ | 1 |
| Salts_____ | 1 |
| Strong Bases_____ | 3 |
| 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 _____ | 3 |
| Strong Oxidants _____ | 2 |
| Esters/Keytones _____ | 1 |
| UV Light _____ | 1 |
| Petroleum_____ | 1 |
| Fungus ASTM G-21_____ | 1 |
| Halogen Free _____ | Yes |
| RoHS _____ | Yes |
| SVHC _____ | None |

Melt Point
 ASTM D-2117
482°F (250°C)

Maximum Continuous
 Mil-I-23053
257°F (125°C)

Minimum Continuous
-94°F (-70°C)



PHYSICAL PROPERTIES

| | |
|--|-----------|
| Monofilament Diameter_____ | .010 |
| ASTM D-204 | |
| Recommended Cutting_____ | Hot Knife |
| Colors_____ | 3 |
| Wall Thickness_____ | .025 |
| Specific Gravity ASTM D-792_____ | 1.3 |
| Moisture Absorption_____ | .1-.2 |
| % ASTM D-570 | |
| Hard Vacuum Data ASTM E-595 at 10-5 torr | |
| TML_____ | .19 |
| CVCM_____ | .00 |
| WVR_____ | .16 |
| Outgassing_____ | Med |
| Oxygen Index_____ | 21 |
| ASTM D-2863 | |