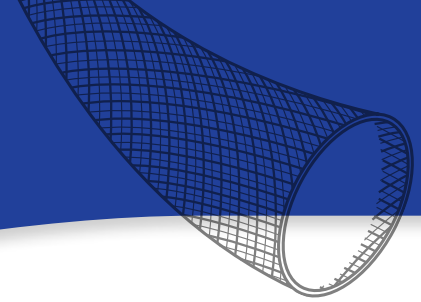
FLEXO MYLAR

SPECIALTY
Technical Data Sheet



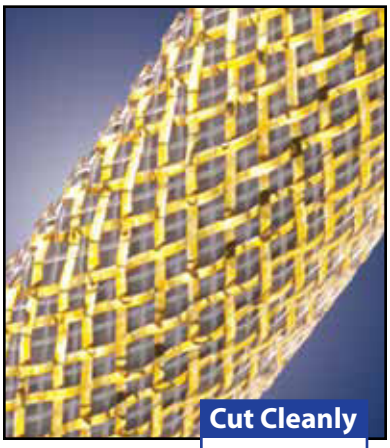
- **Economical And Easy To Install**
- **Expands Up To 150%**
- **Conductive Mylar For Shielding Applications**
- **Cut And Abrasion Resistant**
- **Halogen Free**

Put-Ups

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

Put-Ups

Nominal Size	Part #	Expansion Range		Bulk Spool	Shop Spool	Available Colors	Lbs/ 100′
		Min	Max				
1/8″	MYE0.13PC	1/16″	5/32″	1,000′	225′	PC	0.08
1/4″	MYE0.25PC	5/32″	5/16″	1,000′	200′	PC	0.10
3/8″	MYE0.38PC	5/16″	15/32″	500′	125′	PC	0.11
1/2″	MYE0.50PC	1/4″	3/4″	500′	100′	PC	0.42



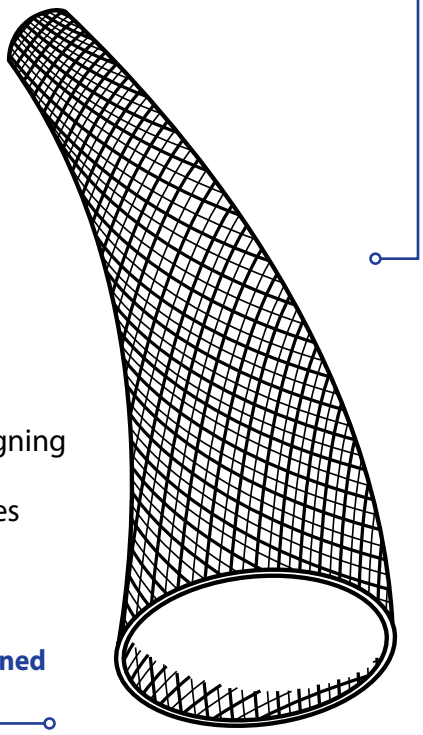
Cut Cleanly
Hot Knife

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.

Colors Available:
3 = SV, GL & PC.

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.

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

Material
PET / Mylar

Grade
MYN/MYE

Monofilament Diameter
.010″

Drawing Number
TF001MY-WD

Colors Available:

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

TECHFLEX
Braided Sleeving Products
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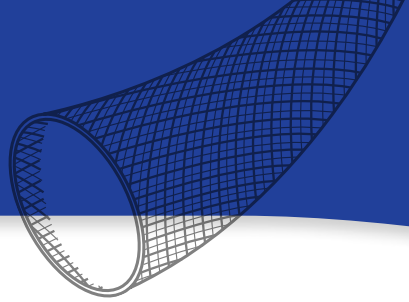
DUPONT®

RoHS Compliant



FLEXO MYLAR

ABRASION

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

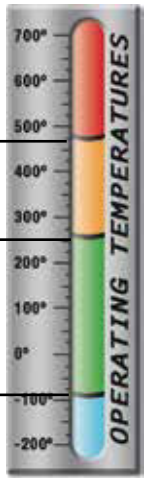
Post-Test Weight
890.5 mg

Test End Loss Of Mass Point Of Destruction
71.7 mg

Melt Point
ASTM D-2117
482°F (250°C)

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

Minimum Continuous
-94°F (-70°C)



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

PHYSICAL PROPERTIES

Monofilament Diameter *ASTM D-204*	.010
Recommended Cutting	Hot Knife
Colors	3
Wall Thickness	.025
Specific Gravity ASTM D-792	1.3
Moisture Absorption *% ASTM D-570*	.1-.2
Hard Vacuum Data *ASTM E-595 at 10-5 torr*	
TML	.19
CVCM	.00
WVR	.16
Outgassing	Med
Oxygen Index *ASTM D-2863*	21

www.techflex.com