



FLEXO® MYLAR

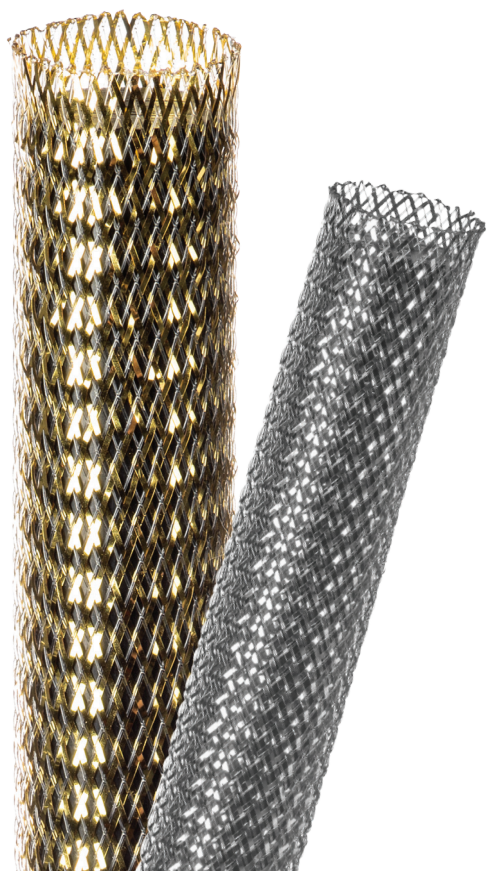
LIGHTWEIGHT ECONOMICAL METALLIC ALTERNATIVE CONDUCTIVE MYLAR FOR SHIELDING APPLICATIONS · EXPANDS UP TO 150%

When your needs don't call for the durability or toughness of our CHN or CXN sleeving, Flexo® Mylar is an ideal, economical alternative. Mylar is perfect for cosmetic applications and a wide variety of installation methods create dramatic results. Audiophile cable builders often use Mylar under other sleeving types to create a unique, custom visual effect. Applications that combine Mylar 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, Mylar creates a sparkling, highly reflective effect. Mylar can be used instead of Mylar sheets to wrap and bundle cables. Light weight and economy make Mylar 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.

SIZING CHART

Nominal Size	Part #	Wall Thickness	Min Expansion	Max Expansion	*Put-Ups		Available Colors	Lbs/100'
					M	L		
¼"	MYN0.25	.025"	⅛"	7/16"	200'	1,000'	GL & SV	0.17
½"	MYN0.50	.025"	¼"	1"	100'	500'	GL & SV	0.35
¾"	MYN0.75	.025"	⅝"	1 ¾"	75'	250'	GL & SV	0.52
⅛"	MYE0.13PC	.025"	1/16"	5/32"	225'	1,000'	PC	0.08
¼"	MYE0.25PC	.025"	5/32"	5/16"	200'	1,000'	PC	0.10
⅜"	MYE0.38PC	.025"	5/16"	15/32"	125'	500'	PC	0.11
½"	MYE0.50PC	.025"	¼"	¾"	100'	500'	PC	0.42

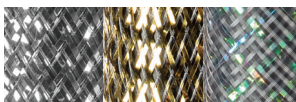
*Put-Ups: "M" = Shop Spool and "L" = Bulk Spool



FEATURES

Material	PET/Mylar
Grade	MYN/MYE
Monofilament Diameter	.010"
Drawing Number	TF001MYN-WD
Cutting	Hot Knife

COLORS



Silver (SV), Gold (GL), Pearlescent Clear (PC)

CERTIFICATIONS





ABRASION

Abrasion Resistance	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 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

PHYSICAL PROPERTIES

Monofilament Diameter (ASTM D-204)	.010"
Flammability Rating	
Recommended Cutting	Hot Knife
Colors	3
Wall Thickness	.025"
Tensile Strength (Yarn) (ASTM D-2256 Lbs)	NA
Specific Gravity (ASTM D-792)	1.3
Moisture Absorption % (ASTM D-570)	.1-.2
Hard Vacuum Data (ASTM E-595 at 10-5 torr)	NA
TML	.19
CVCM	.00
WVR	.16
Smoke D-Max (ASTM E-662)	Medium
Outgassing	NA
Oxygen Index (ASTM D-2863)	21

FLAMMABILITY

Rating

OPERATING TEMPERATURES

Melt Point (ASTM D-2117)	482°F / 250°C
Maximum Continuous (Mil-I-23053)	257°F / 125°C
Minimum Continuous (Mil-I-23053)	-94°F / -70°C

CHEMICAL RESISTANCE

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

Aromatic Solvents	2
Aliphatic Solvents	1
Chlorinated Solvents	3
Weak Bases	1
Salts	1
Strong Bases	3
Salt Water (O-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/Ketones	1
UV Light	1
Petroleum	1
Fungus (ASTM G-21)	1
Halogen Free	Yes
RoHS	Yes
SVHC	None