



## F6X

### SELF WRAPPABLE F6<sup>®</sup> NOMEX<sup>®</sup> WRAP

### IT HAS A WHITE TRACER, WHICH INDICATES THE MAXIMUM OPERATING DIAMETER

Protection of wiring systems on today's modern aircraft requires a braided sleeving company that can take that protection to new heights. Techflex<sup>®</sup> F6X is the result of many years of R&D and insight into the aviation industry. F6X is made from genuine Nomex<sup>®</sup> for years of durable service. In your application, F6X maximizes harness coverage with minimum waste. The essential flame retardancy of Nomex<sup>®</sup> will meet even the most rigorous specifications and can be used in any major aircraft program. As always, Techflex<sup>®</sup> F6<sup>®</sup> self-wrapping closure system will make installation a breeze, keeping your process lean. Today we make 8 sizes of F6X and are capable of matching any of your special requirements including cut lengths or custom diameters. Call your braided sleeving specialist for more details.

#### SIZING CHART

Nominal Size	Part #	Wall Thickness ±.005"	Flat Width	*Put-Ups		Available Colors	Lbs/ 100'
				M	L		
3/16"	F6X0.19GN	.027"	1 3/16"	200'	600'	1	0.96
5/16"	F6X0.31GN	.027"	1 5/8"	125'	325'	1	1.20
1/2"	F6X0.50GN	.027"	2 1/2"	75'	150'	1	1.80
5/8"	F6X0.63GN	.027"	3"	75'	125'	1	2.16
3/4"	F6X0.75GN	.027"	3 3/4"	50'	100'	1	2.76
1"	F6X1.00GN	.027"	4 13/16"	50'	75'	1	3.36
1 1/4"	F6X1.25GN	.027"	6"	25'	50'	1	4.05
1 1/2"	F6X1.50GN	.027"	7 7/8"	-	25'	1	5.14

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

#### FEATURES

Material	Multifilament Nomex <sup>®</sup> & Monofilament Polyphenylene Sulfide (PPS)
Grade	F6X
Wall Thickness	.027"
Drawing Number	TF001F6X-WD
Cutting	Scissors

#### COLORS



Green (GN)

#### CERTIFICATIONS



FAR-25

\*Nomex<sup>®</sup> is a registered trademark of DuPont<sup>™</sup>



**TECHFLEX**  
Braided Sleeving Products



### ABRASION

Abrasion Resistance	<b>MEDIUM</b>
Abrasion Test Machine	Taber 5150
Abrasion Test Wheel	Calibrase H-18
Abrasion Test Load	500g
Room Temperature	74°F
Humidity	48%
Fraying Of Nomex®	200 Test Cycles
Holes Through Nomex®, PPS Unbroken	500 Test Cycles
Material Destroyed	800 Test Cycles
Pre-Test Weight	10,144 mg
Post-Test Weight	9,594 mg
Test End Loss Of Mass Point Of Destruction	550.25 mg

### PHYSICAL PROPERTIES

Monofilament Diameter (ASTM D-204)	NA
Flammability Rating (FAR-25)	Pass
Recommended Cutting	Scissors
Colors	1
Wall Thickness	.027"
Smoke Density (ASTM E-662 Flaming) (prEN 2825B Non-Flaming)	Pass
Toxicity (BSS7239 + prEN 2826B)	Pass
Water Repellency (EN 6059 Part 305)	Pass

### FLAMMABILITY

Rating	FAR-25
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### OPERATING TEMPERATURES

Melt Point (ASTM D-2117)	
Maximum Continuous	392°F / 200°C
Minimum Continuous	-76°F / -60°C

### CHEMICAL RESISTANCE

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

Fuel	1
Hydraulic Fluid	1
Methyl Propyl Ketone	1
Isopropyl Alcohol	1
Synthetic Lubricant	1
De-Icing Fluid	1
Cleaning Products	1

### MECHANICAL

Dynamic Cut-Through (EEN 6059 Part 405)	Pass
Flammability Rating (FAR-25)	Pass
Recommended Cutting	Scissors
Colors	1
Wall Thickness	.027"
Smoke Density (ASTM E-662 Flaming) (prEN 2825B Non-Flaming)	Pass
Toxicity (BSS7239 + prEN 2826B)	Pass
Water Repellency (EN 6059 Part 305)	Pass