F6X
SELF WRAPPABLE F6® NOMEX® 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® F6X is the result of many years of R&D and insight into the aviation industry. F6X is made from genuine Nomex® for years of durable service. In your application, F6X maximizes harness coverage with minimum waste. The essential flame retardancy of Nomex® will meet even the most rigorous specifications and can be used in any major aircraft program. As always, Techflex® F6® 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.
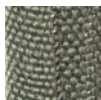
SIZING CHART

Nominal Size	Part #	Wall Thickness ±0,13mm	Flat Width	*Put-Ups			Available Colors	Kgs/ 100m
				M	L	XL		
4,8mm	F6X0.19GN	0,7mm	30,2mm	61,0m	182,9m	365,9m	1	1,43
7,9mm	F6X0.31GN	0,7mm	41,3mm	38,1m	99,1m	198,2m	1	1,79
12,7mm	F6X0.50GN	0,7mm	63,5mm	22,9m	45,7m	91,4m	1	2,68
15,9mm	F6X0.63GN	0,7mm	76,2mm	22,9m	38,1m	76,2m	1	3,21
19,1mm	F6X0.75GN	0,7mm	95,3mm	15,2m	30,5m	45,7m	1	4,11
25,4mm	F6X1.00GN	0,7mm	122,2mm	15,2m	22,9m	30,5m	1	5,00
31,8mm	F6X1.25GN	0,7mm	152,4mm	7,6m	15,2m	30,5m	1	6,03
38,1mm	F6X1.50GN	0,7mm	200,0mm	-	7,6m	15,2m	1	7,65

*Put-Ups: **"M"** = Box B, **"L"** = Box A, **"XL"** = Bulk

FEATURES

Material	**Multifilament Nomex® & Monofilament Polyphenylene Sulfide (PPS)**
Grade	**F6X**
Wall Thickness	**0,7mm**
Drawing Number	**TF001F6X-WD**
Cutting	**Scissors**

COLORS

Green (GN)

CERTIFICATIONS

RoHS Compliant **FAR-25**

*Nomex® is a registered trademark of DuPont™

ABRASION

Abrasion Resistance	**MEDIUM**
Abrasion Test Machine	Taber 5150
Abrasion Test Wheel	Calibrase H-18
Abrasion Test Load	500g
Room Temperature	74°F / 23°C
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 144mg
Post-Test Weight	9 594mg
Test End Loss Of Mass Point Of Destruction	550,25mg

FLAMMABILITY

Rating	FAR-25

OPERATING TEMPERATURES

Melt Point *(ASTM D-2117)*	
Maximum Continuous *(Mil-I-23053)*	392°F / 200°C
Minimum Continuous *(Mil-I-23053)*	-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

PHYSICAL PROPERTIES

Monofilament Diameter *(ASTM D-204)*	NA
Flammability Rating *(FAR-25)*	Pass
Recommended Cutting	Scissors
Colors	1
Wall Thickness	0,7mm
Smoke Density *(ASTM E-662 Flaming)* *(prEN 2825B Non-Flaming)*	Pass
Toxicity *(BSS7239 + prEN 2826B)*	Pass
Water Repellency *(EN 6059 Part 305)*	Pass

MECHANICAL

Dynamic Cut-Through *(EEN 6059 Part 405)*	Pass