



ABRASION

Abrasion Resistance	HIGH
Abrasion Test Machine	Taber 5150
Abrasion Test Wheel	Calibrase H-18
Abrasion Test Load	500g
Room Temperature	80°F / 27°C
Humidity	74%
A Few Strands Beginning To Pull Out Of Sample	500 Test Cycles
Significant Wear Is Visible	1 200 Test Cycles
Material Destroyed	1 950 Test Cycles
Pre-Test Weight	5 365,1 mg
Post-Test Weight	4 850 mg
Test End Loss Of Mass Point Of Destruction	515,1 mg

PHYSICAL PROPERTIES

Monofilament Diameter (ASTM D-204)	0,20mm - 0,38mm
Flammability Rating	UL94
Recommended Cutting	Hot Knife
Colors	8
Wall Thickness	0,61mm - 0,97mm
Tensile Strength (Yarn) (ASTM D-2256 Lbs)	6-10
Specific Gravity (ASTM D-792)	1,38
Moisture Absorption % (ASTM D-570)	0,1-0,2%
Hard Vacuum Data (ASTM E-595 at 10-5 torr)	
TML	0,19
CVCM	0,00
WVR	0,16
Smoke D-Max (ASTM E-662)	56
Outgassing	Medium
Oxygen Index (ASTM D-2863)	21

FLAMMABILITY

Rating (FMVSS 302 and SAE J369)	UL94V0
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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	2
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



FLEXO® F6®

FLEXIBLE, SEMI-RIGID WRAPPABLE SPLIT BRAIDED TUBE · 25% EDGE OVERLAP CHEMICALLY INERT · QUIET IN HIGH VIBRATION APPLICATIONS

The unique split, semi-rigid braided construction of F6® makes it the ideal solution for situations where ease of installation is of primary importance. The lateral split allows the tube to open up to accommodate a wide variety of bundling requirements, and the semi-rigid braid configuration simply closes around the entire installation without the need for any additional fasteners (Velcro, tape, etc.) The PET braid is lightweight, quiet and flexible. The 25% edge overlap (at nominal diameter) allows coverage around inline plugs, connectors and splices. F6® will bend to a tight radius without distorting or splitting open and, unlike full rigid tubing, will not impair or affect the flexibility of harnesses.

SIZING CHART

Nominal Size	Part #	Wall Thickness	Monofilament Diameter	*Put-Ups			Available Colors	Kgs/100m
				M	L	XL		
3,2mm	F6N0.13	0,61mm	0,20mm	121,9m	304,8m	2 438,4m	BK,OR,PG,CW	0,70
6,4mm	F6N0.25	0,64mm	0,25mm	61,0m	152,4m	914,4m	8	0,89
9,5mm	F6N0.38	0,64mm	0,25mm	45,7m	91,4m	457,2m	8	1,79
12,7mm	F6N0.50	0,64mm	0,25mm	45,7m	91,4m	365,8m	8	2,08
19,1mm	F6N0.75	0,64mm	0,25mm	30,5m	61,0m	152,4m	8	2,38
25,4mm	F6N1.00	0,97mm	0,38mm	15,2m	30,5m	121,9m	8	2,99
31,8mm	F6N1.25	0,97mm	0,38mm	15,2m	22,9m	76,2m	8	3,57
38,1mm	F6N1.50	0,97mm	0,38mm	15,2m	22,9m	76,2m	8	4,02
50,8mm	F6N2.00	0,97mm	0,38mm	15,2m	22,9m	61,0m	8	5,36

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



FEATURES

Material	Polyethylene Terephthalate
Grade	F6N
Monofilament Diameter	0,20mm - 0,38mm
Drawing Number	TF001F6-WD
Cutting	Hot Knife

COLORS



Black (BK), Orange (OR), Platinum Gray (PG), Clear/White (CW), White (WH), Yellow (YL), Blue (BL), Red (RD)

CERTIFICATIONS

