



## F6® WOVEN WRAP

### WOVEN, SPLIT TUBULAR HARNESS WRAP · HIGH COVERAGE, SELF-WRAPPING DESIGN IDEAL FOR PROTECTING COMPONENTS WITHOUT DISCONNECTING THEM

F6® Woven Wrap has been engineered from the ground up to meet the demanding specifications of today's modern wiring harness industry. F6W utilizes many of the same characteristics as our original F6® split braided sleeving including the easy wrap around design and the extra overlap to insure complete protection of important electronic communication and power systems. The new woven construction provides superior elastic flexibility with unbeatable coverage over any harness assembly. Through a unique process, the blend of monofilament and multifilament polyester fibers are formed into a sleeving with memory that causes the sleeve to self-close, and also snap back when opened. Wire harness professionals will also appreciate the increased abrasion resistance F6W will provide to their cable assemblies.

#### SIZING CHART

Nominal Size	Part #	Wall Thickness	Overlap *A	*Put-Ups			Available Colors	Kgs/100m
				M	L	XL		
3,2mm	F6W0.13	0,7mm	40%	91,5m	274,4m	548,8m	3	0,85
4,8mm	F6W0.19	0,7mm	51%	61,0m	182,9m	365,9m	3	1,46
6,4mm	F6W0.25	0,7mm	44%	61,0m	137,2m	282,0m	3	1,64
7,9mm	F6W0.31	0,7mm	40%	38,1m	99,1m	198,2m	3	1,93
9,5mm	F6W0.38	0,7mm	41%	30,5m	68,6m	137,2m	3	2,23
12,7mm	F6W0.50	0,7mm	35%	22,9m	45,7m	91,1m	3	2,68
15,9mm	F6W0.63	0,7mm	30%	22,9m	38,1m	76,2m	3	3,13
19,1mm	F6W0.75	0,7mm	28%	15,2m	30,5m	45,7m	3	3,57
25,4mm	F6W1.00	0,7mm	26%	15,2m	22,9m	30,5m	3	4,76
38,1mm	F6W1.50	0,7mm	23%	-	7,6m	15,2m	3	6,70
44,5mm	F6W1.75	0,7mm	23%	-	3,0m	15,2m	3	7,44
50,8mm	F6W2.00	0,7mm	23%	-	3,0m	12,2m	3	8,93

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

#### FEATURES

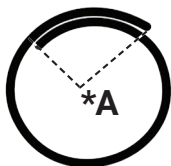
Material	Polyethylene Terephthalate
Grade	F6W
Filament Diameter	0,23mm Monofilament Polyester 1200 Denier Multifilament
Drawing Number	TF001F6W-WD
Cutting	Hot Knife

#### COLORS



Black (BK), White (WH), Carbon (CB)

#### CERTIFICATIONS



The Right Overlap  
For Your Harness



## ABRASION

Abrasion Resistance	<b>LOW</b>
Abrasion Test Machine	Taber 5150
Abrasion Test Wheel	Calibrase H-18
Abrasion Test Load	500g
Room Temperature	72°F / 22°C
Humidity	78%
Moderate Scuffing Visible	125 Test Cycles
Significant Scuffing, Braid Separated 20%	225 Test Cycles
Material Destroyed	300 Test Cycles
Pre-Test Weight	9 736,4 mg
Post-Test Weight	9 328,6 mg
Test End Loss Of Mass Point Of Destruction	407,8 mg

## PHYSICAL PROPERTIES

Filament Diameter - Monofilament Polyester	0,23mm
- Multifilament	1 200 Denier
Flammability Rating	UL94
Recommended Cutting	Hot Knife
Colors	3
Wall Thickness	0,7mm
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	NA
Oxygen Index (ASTM D-2863)	NA

## FLAMMABILITY

Rating	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 (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/Ketones	1
UV Light	1
Petroleum	1
Fungus (ASTM G-21)	1
Halogen Free	Yes
RoHS	Yes
SVHC	None