

- DIN EN 45545-2 Certified
- VW-1, Mil-202, FAR 25 Approved
- Cut And Abrasion Resistant
- Halogen Free
- Resists Gasoline, Engine Chemicals
- Complete Coverage



Cut Cleanly  
Hot Knife

#### Material

Polyethylene Terephthalate

#### Grade

F9T

#### Monofilament Diameter

0,23mm

Nominal Size	Part #	Expansion Range		Bulk Spool	Shop Spool	Available Colors	Kgs/ 100m
		Min	Max				
3,2mm	F9T0.13TB	1,6mm	5,6mm	304,8m	68,6m	TW & TB	0,40
6,4mm	F9T0.25TB	3,6mm	10,3mm	304,8m	61,0m	TW & TB	0,48
7,9mm	F9T0.31TB	4,8mm	11,1mm	152,4m	18,1m	TW & TB	0,71
12,7mm	F9T0.50TB	7,1mm	15,9mm	152,4m	30,5m	TW & TB	0,89
14,3mm	F9T0.56TB	9,5mm	15,9mm	152,4m	30,5m	TW & TB	0,94
19,1mm	F9T0.75TB	12,7mm	25,4mm	152,4m	22,9m	TW & TB	1,44
25,4mm	F9T1.00TB	15,9mm	31,8mm	76,2m	19,8m	TW & TB	1,88
31,8mm	F9T1.25TB	19,1mm	44,5mm	76,2m	15,2m	TW & TB	3,02
38,1mm	F9T1.50TB	25,4mm	47,6mm	76,2m	12,2m	TW & TB	3,45
44,5mm	F9T1.75TB	33,3mm	55,5mm	76,2m	9,1m	TW & TB	3,88
50,8mm	F9T2.00TB	36,5mm	60,3mm	61,0m	15,2m	TW & TB	4,49
57,2mm	F9T2.25TB	44,5mm	68,3mm	61,0m	15,2m	TW & TB	4,52
63,5mm	F9T2.50TB	47,6mm	76,2mm	61,0m	15,2m	TW & TB	5,49

## Tight Braid for Fuller Coverage

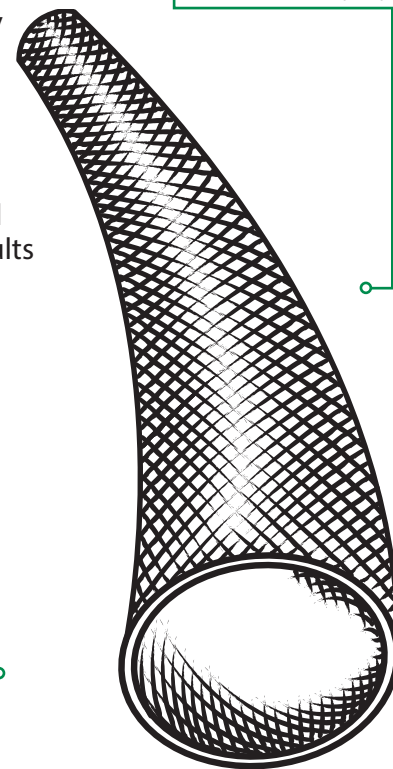
FLEXO® TIGHT WEAVE FLAME RETARDANT sleeving was developed by and for aircraft manufacturers as a replacement for the standard grade FR. This sleeving material is constructed from tightly braided 9 mil flame retardant monofilament. The result is fuller coverage over wire harnesses. This allows for increased abrasion protection, which is a critical issue in the aviation industry.

The 9 mil monofilament is used instead of 10 mil in order to lessen the additional weight that results when the monofilament is tightly braided into sleeving material. We manufacture additional diameters to accommodate various wire harnesses up to 76,2mm diameter.

#### Colors Available:

Black w/White Tracer (TB)  
White w/ Black Tracer (TW)

Meets material specs for major airlines.  
Lighter weight than standard tight weaves.



CableOrganizer.fr®

7, boulevard de l'Odet  
35740 Pacé - France

+33 2 23 30 05 15

www.CableOrganizer.fr



FAR-25

VW-1



## **ABRASION** **FLAMMABILITY**

**Abrasion Resistance**  
**Medium**

Rating \_\_\_\_\_ VW-1

**Abrasion Test Machine**  
**Taber 5150**

**Abrasion Test Wheel**  
**Calibrase H-18**

**Abrasion Test Load**  
**500g**

## **CHEMICAL RESISTANCE**

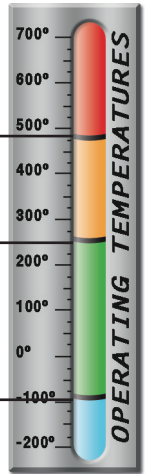
1=No Effect      4=More Affected  
2=Little Effect    5=Severely Affected  
3=Affected

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 _____	2
UV Light _____	1
Petroleum _____	1
Fungus ASTM G-21 _____	1
Halogen Free _____	Yes
RoHS _____	Yes
SVHC _____	None

Melt Point  
ASTM D-2117  
482°F (250°C)

Maximum Continuous  
Mil-I-23053  
257°F (125°C)

Minimum Continuous  
-94°F (-70°C)



## **PHYSICAL PROPERTIES**

Monofilament Diameter _____	0,23mm
ASTM D-204	
Flammability Rating _____	FAR 25
FMVSS-302 Approved	
Recommended Cutting _____	Hot Knife
Colors _____	2
Wall Thickness _____	0,58mm
Tensile Strength (Yarn) _____	4,5
ASTM D-2256 Lbs	
Specific Gravity ASTM D-792 _____	1.38
Moisture Absorption% _____	0,1-0,2
ASTM D-570	
Hard Vacuum Data _____	
ASTM E-595	
TML _____	0,19
CVCM _____	0,04
WVR _____	0,06
Outgassing _____	Med
Oxygen Index _____	31
ASTM D-2863	