

ADVANCED ENGINEERING Technical Data Sheet

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



Material Polyethylene Terepthalate

Grade F9T

Monofilament Diameter .009"

Nominal Size	Part #	Expansio Min	on Range Max	Bulk Spool	Shop Spool	Available Colors	Lbs/ 100'
1/8″	F9T0.13TB	1/16″	7/32″	1,000′	225′	TW & TB	0.27
1/4″	F9T0.25TB	9/64″	13/32″	1,000′	200′	TW & TB	0.32
5/16″	F9T0.31TB	3/16″	7/16″	500′	125′	TW & TB	0.48
1/2″	F9T0.50TB	9/32″	5/8″	500′	100′	TW & TB	0.60
9/16″	F9T0.56TB	3/8″	5/8″	500′	100′	TW & TB	0.63
3/4″	F9T0.75TB	1/2″	1″	500′	75′	TW & TB	0.97
1″	F9T1.00TB	5/8″	1 1/4″	250′	65′	TW & TB	1.26
1 1/4″	F9T1.25TB	3/4″	1 3/4″	250′	50′	TW & TB	2.03
1 1/2″	F9T1.50TB	1″	1 7/8″	250′	40′	TW & TB	2.32
1 3/4″	F9T1.75TB	1 5/16″	2 3/16"	250′	30′	TW & TB	2.61
2″	F9T2.00TB	1 7/16″	2 3/8″	200′	50′	TW & TB	3.02
2 1/4″	F9T2.25TB	1 3/4″	2 11/16"	200′	50′	TW & TB	3.04
2 1/2″	F9T2.50TB	1 7/8″	3″	200′	50′	TW & TB	3.69

Put-Ups

Tight Braid for Fuller Coverage

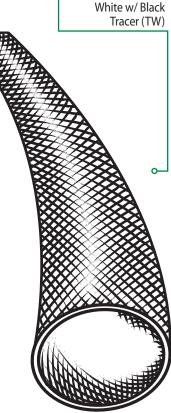
FLEXO TIGHT WEAVE FLAME RETARDANT sleeving was developed by and for aircraft manufacturers as a replacement for the Standard Grade FR. This sleeving material is constructed from tightly braided 9 mil flame retardant monofilament. The result is fuller coverage over wire harnesses. This allows for increased 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 3" in diameter.

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



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









Marco

FLAMMABILITY	Melt Point 600° 1 7 <th7< th=""> 7 <t< th=""></t<></th7<>		
RatingVW-1	Mil-I-23053 200° 200° 200° 200° 200° 200° 200° 200		
	Minimum Continuous -94°F (-70°C)		
	-94°F (-70°C)		
1=No Effect4=More Affected2=Little Effect5=Severely Affected3=Affected	O PHYSICAL PROPERTIES		
Aromatic Solvents 2			
Chlorinated Solvents 3 Weak Bases 1 Salts 1 Salts 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 Halogen Free Yes RoHS Yes	Flammability Rating FAR 25FMVSS-302 ApprovedRecommended Cutting Hot KnifeColors 2Wall Thickness023Tensile Strength (Yarn) 4.5ASTM D-2256 LbsSpecific Gravity ASTM D-792 1.38Moisture Absorption%12ASTM D-570Hard Vacuum DataASTM E-595TML19CVCM04WVR06Outgassing MedOxygen Index 31ASTM D-2863		
	Aromatic Solvents 1 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 Strong Acids 3 Strong Oxidants 2 Esters/Ketones 2 UV Light 1 Petroleum 1 Fungus ASTM G-21 1		

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