

UNDER LOW LIGHT CONDITIONS, THE RETROREFLECTIVE STRANDS IN FLEXO® REFLEX SLEEVING REFLECT LIGHT UP TO 1,500 TIMES MORE EFFICIENTLY THAN BRIGHT WHITE SLEEVING

Ease of installation make F6[®] Reflex the most suitable reflective sleeving for applications where disassembly of the components is not a viable option. Just open the lateral split and slip the sleeving over wires or cables. The sleeving will snap back in place and provide an extra measure of safety under low light conditions. F6[®] Reflex is available in Clear. Patents pending.

SIZING CHART

Nominal	Part #	Wall Thickness	*Put	-Ups	Available	Lbs/
Size	Fall #	Wall Thickness	М	L	Colors	100'
³ / ₁₆ "	F6R0.19CL	.025"	100'	200'	1	0.58

*Put-Ups: "M" = Shop Spool and "L" = Bulk Spool



FEATURES

Material	Polyethylene Terephthalate (Base Material)
Grade	F6R
Monofilament Diameter	.010"
Drawing Number	TF001F6R-WD
Cutting	Hot Knife

COLORS

Clear (CL)	

CERTIFICATIONS









ABRASION

Abrasion Resistance	
Abrasion Test Machine	Taber 5150
Abrasion Test Wheel	Calibrase H-18
Abrasion Test Load	500g
Room Temperature	°F
Humidity	%
Braid (1Carrier) Broken In One Direction	Test Cycles
Material Destroyed - Braid Broken In Both Directions	Test Cycles
Pre-Test Weight	mg
Post-Test Weight	mg
Test End Loss Of Mass Point Of Destruction	mg
Test End Loss of Mass Point of Destruction	mg

PHYSICAL PROPERTIES

Monofilament Diameter (ASTM D-204)	.010"
Flammability Rating	
Recommended Cutting	Hot Knife
Colors	1
Wall Thickness	.025"
Tensile Strength (Yarn) (ASTM D-2256 Lbs)	NA
Specific Gravity (ASTM D-792)	1.38
Moisture Absorption % (ASTM D-570)	.12
Hard Vacuum Data (ASTM E-595 at 10-5 torr)	NA
TML	NA
CVCM	NA
WVR	NA
Smoke D-Max (ASTM E-662)	NA
Outgassing	NA
Oxygen Index (ASTM D-2863)	NA

FLAMMABILITY

Rating

OPERATING TEMPERATURES

Melt Point (ASTM D-2117)	446°F / 230°C
Maximum Continuous (Mil-I-23053)	257°F / 125°C
Minimum Continuous (Mil-1-23053)	-22°F / -30°C

CHEMICAL RESISTANCE

Aromatic Solvents2Aliphatic Solvents1Chlorinated Solvents3Weak Bases1Salts1Strong Bases2Salt Water (0-S-1926)1Hydraulic Fluid (MIL-H-5606)1Lube Oil (MIL-27808)1De-Icing Fluid (MIL-A-8243)1
Chlorinated Solvents3Weak Bases1Salts1Strong Bases2Salt Water (0-S-1926)1Hydraulic Fluid (MIL-H-5606)1Lube Oil (MIL-L-7808)1
Weak Bases1Salts1Strong Bases2Salt Water (0-S-1926)1Hydraulic Fluid (MIL-H-5606)1Lube Oil (MIL-L-7808)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 Bases2Salt Water (0-S-1926)1Hydraulic Fluid (MIL-H-5606)1Lube Oil (MIL-L-7808)1
Salt Water (0-S-1926) 1 Hydraulic Fluid (MIL-H-5606) 1 Lube Oil (MIL-L-7808) 1
Hydraulic Fluid (MIL-H-5606) 1 Lube Oil (MIL-L-7808) 1
Lube Oil (<i>MIL-L-7808</i>) 1
De-Icing Fluid (MIL-A-8243) 1
o (<i>)</i>
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 NA

www.TECHFLEX.com

104 Demarest Road • Sparta, NJ 07871 • 1 (833) SLEEVING • (973) 300-9242 • fax: (973) 300-9409

© 2023 Techflex® - Any unauthorized reproduction, in whole or part, in any medium whatsoever, without the express written permission of Techflex® is strictly forbidden. Techflex® product names and logos are registered trademarks of Techflex®, unless otherwise attributed. The contents and illustrations contained herein are believed to be reliable. Techflex® makes no warranties as to their accuracy or completeness and disclaims any liability in connection with their use. Techflex® only obligations are those in standard terms of sale for these products on typographical errors or omissions. Users should make their own evaluation to determine the suitability of these products for their unique and specific applications.