



- Highly Reflective
- Resists Gasoline And Engine Chemicals
- Economical And Easy To Install
- Expands Up To 150%
- Cut And Abrasion Resistant
- Custom Lengths Available



**Cut Cleanly
Hot Knife**

Material

Polyethylene Terephthalate

Grade

RFN

Monofilament Diameter

.010"

Drawing Number

TF001RF-WD

Nominal Size	Part #	Expansion Range		Bulk Spool	Shop Spool	Available Colors	Lbs/ 100'
		Min	Max				
1/8"	RFN0.13CL	1/16"	1/4"	1,000'	100'	Clear	0.29
1/4"	RFN0.25	3/16"	3/8"	1,000'	100'	CL & BK	0.33
1/2"	RFN0.50	1/4"	1"	500'	100'	CL & BK	0.52
3/4"	RFN0.75	3/8"	1 3/8"	250'	75'	CL & BK	0.63

Put-Ups

**Reflects On-Axis Light 360°
Up to 675'**

FLEXO REFLEX (RF) is our polyethylene terephthalate material braided together with highly reflective 3M Scotchlite® retroreflective monofilament. This unique combination provides a high level of wire and cable protection with the added advantage of extraordinary 360 degree, on-axis reflectivity.

RF is up to 1,500 times brighter than plain white under identical conditions and will provide high visibility safety on wires, hoses, cables, bicycle and motorcycle cables, stage wiring and virtually anything else up to 675' away. Reflective even under low light conditions.

Colors Available:

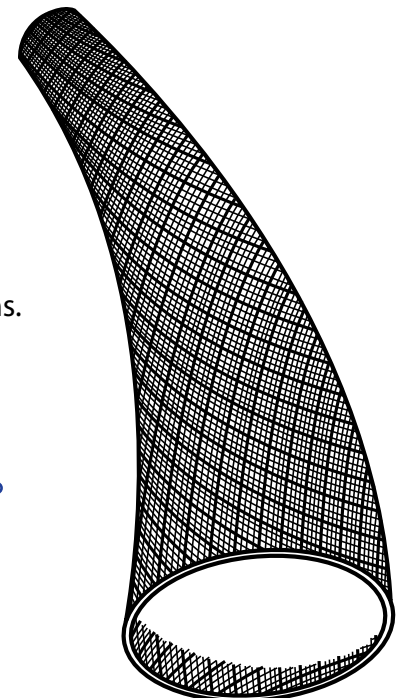
2 = CL and BK.

Tiny retroreflective lenses in the sleeving provide extreme reflectivity even under the most adverse lighting conditions.

Colors Available:



Clear (CL) and Black (BK).

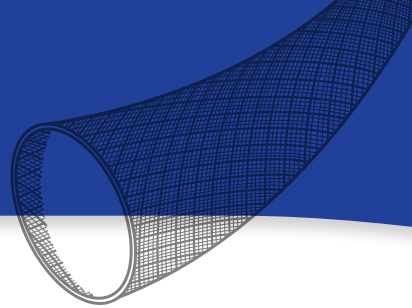


www.techflex.com

800.323.5140 • 973.300.9242 • fax: 973.300.9409
104 Demarest Road • Sparta, NJ 07871

**HALOGEN
FREE**





ABRASION

Abrasion Resistance
Low

Abrasion Test Machine
Taber 5150

Abrasion Test Wheel
Calibrase H-18

Abrasion Test Load
500g

Room Temperature
71°F

Humidity
54%

**Two Black PET Strands
Broken And Six Breaks In
Reflective Tracer**
100 Test Cycles

Material Destroyed
350 Test Cycles

Pre-Test Weight
2,411.5 mg

Post-Test Weight
2,030.0 mg

Test End Loss Of Mass
Point Of Destruction
381.5 mg

CHEMICAL RESISTANCE

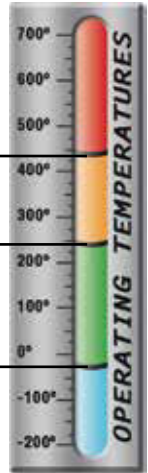
1=No Effect 4=More Affected
2=Little Effect 5=Severely Affected
3=Affected

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/Keytones _____	1
UV Light _____	1
Petroleum _____	1
Fungus ASTM G-21 _____	1
Halogen Free _____	Yes
RoHS _____	Yes

Melt Point
ASTM D-2117
446°F (230°C)

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

Minimum Continuous
-22°F (-30°C)



PHYSICAL PROPERTIES

Monofilament Diameter _____	.010
ASTM D-204	
Recommended Cutting _____	Hot Knife
Colors _____	2
Wall Thickness _____	.026
Specific Gravity ASTM D-792 _____	1.38
Moisture Absorption _____	.1-.2
% ASTM D-570	