



REFLEX

- **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

Put-Ups

Nominal Size	Part #	Expansion Range		Bulk Spool	Shop Spool	Retail	Bag	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'	50'	10'	CL & BK	0.33
1/2"	RFN0.50	1/4"	1"	500'	100'	50'	10'	CL & BK	0.52
3/4"	RFN0.75	3/8"	1 3/8"	250'	75'	35'	10'	CL & BK	0.63

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

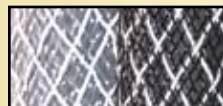
FLEXO REFLEX (RF) is our polyethylene terephthalate material braided together with highly reflective 3M Scotchlite® retroreflective monofilament. This unique combination provides a high level of wire and cable protection with the added advantage of extraordinary 360 degree, on-axis reflectivity.

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.

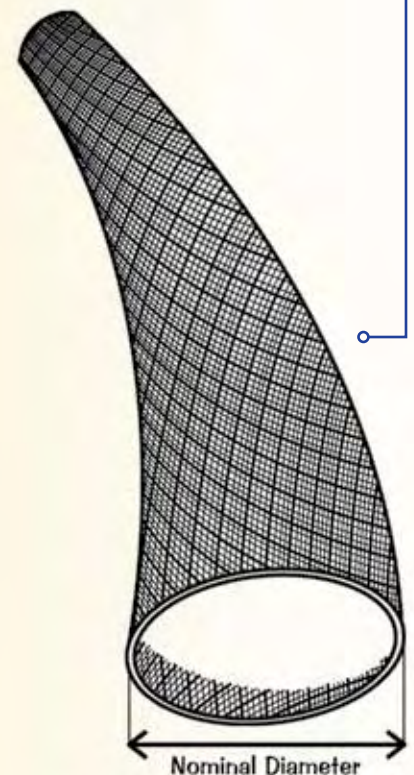
Colors Available:
2 = CL and BK.

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

Colors Available:



Clear (CL) and Black (BK).





REFLEX



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

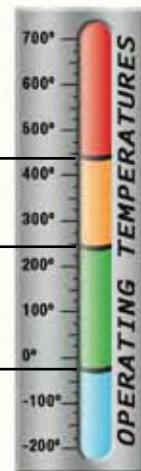
Melt Point
ASTM D-2117

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*