



**REFLEX**

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

**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'**

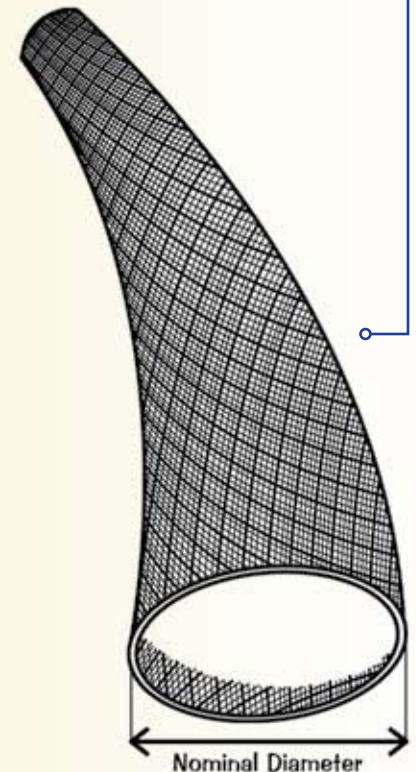
FLEXO REFLEX (RF) is our polyethylene terephthalate material braided together with highly reflective 3M Scotchlite® retroreflective monofilament. This unique combination provides a high level of wire and cable protection with the added advantage of extraordinary 360 degree, on-axis reflectivity.

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.



**Cut Cleanly  
Hot Knife**



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

Colors Available:



Clear (CL) and Black (BK).

<b>Material</b>	<b>Polyethylene Terephthalate</b>
<b>Grade</b>	<b>RFN</b>
<b>Monofilament Diameter</b>	<b>.010"</b>
<b>Drawing Number</b>	<b>TF001RF-WD</b>





**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**

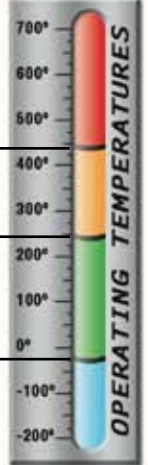
1=No Effect    4=More Affected  
 2=Little Effect    5=Severely Affected  
 3=Affected

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	

www.techflex.com