



Reflex

- **Highly Reflective**
- **Easy to Install**
- **Expands up to 150%**
- **Halogen Free**
- **Resists Gasoline and Engine Chemicals**

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. Patent pending.



Under low light conditions, the retroreflective strands in FLEXO Reflex sleeving reflect light up to 1,500 times more efficiently than bright white sleeving.

Nominal Size	Part #	Expansion Range		Standard Spool Put-Ups		Available Colors	Lbs/100'
		Min.	Max.	Bulk Spool	Shop Spool		
1/8"	RFN0.13CL	1/16"	1/4"	1,000'	100'	Clear (CL)	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



F6 Reflex



Under low light conditions, the retroreflective strands in FLEXO Reflex sleeving reflect light up to 1,500 times more efficiently than bright white sleeving.



Reflective, Split Semi Rigid Sleeving For Easy Installation

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.



No special tools or skills required for installation.

800 323-5140
www.techflex.com

Nominal Size	Part #	Wall Thickness	Standard Spool Put-Ups		Available Colors	Lbs/100'
			Bulk Spool	Shop Spool		
1/8"	F6R0.13CL	.024"	400'	100'	CL	0.20
1/4"	F6R0.25CL	.025"	200'	100'	CL	0.60
5/16"	F6R0.31CL	.025"	150'	75'	CL	0.75
1/2"	F6R0.50CL	.025"	150'	75'	CL	1.40





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

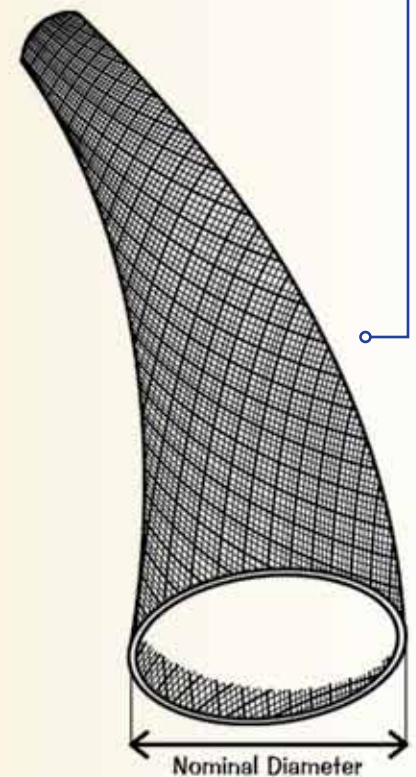
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- **Colors Available:**
2 = CL and BK.



- **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
<i>ASTM D-204</i>	
Recommended Cutting	Hot Knife
Colors	2
Wall Thickness	.026
Specific Gravity <i>ASTM D-792</i>	1.38
Moisture Absorption	.1-.2
<i>% ASTM D-570</i>	