



## F6<sup>®</sup> REFLEX

### UNDER LOW LIGHT CONDITIONS, THE RETROREFLECTIVE STRANDS IN FLEXT<sup>®</sup> REFLEX SLEEVING REFLECT LIGHT UP TO 1,500 TIMES MORE EFFICIENTLY THAN BRIGHT WHITE SLEEVING

Ease of installation make F6<sup>®</sup> 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<sup>®</sup> Reflex is available in Clear. Patents pending.

#### SIZING CHART

| Nominal Size | Part #    | Wall Thickness | *Put-Ups |      | Available Colors | Lbs/100' |
|--------------|-----------|----------------|----------|------|------------------|----------|
|              |           |                | M        | L    |                  |          |
| 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             |

## 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)         | .1-2      |
| 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-I-23053) | -22°F / -30°C |

## CHEMICAL RESISTANCE

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

|                              |     |
|------------------------------|-----|
| Aromatic Solvents            | 2   |
| Aliphatic Solvents           | 1   |
| Chlorinated Solvents         | 3   |
| Weak Bases                   | 1   |
| Salts                        | 1   |
| Strong Bases                 | 2   |
| Salt Water (O-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/Ketones               | 1   |
| UV Light                     | 1   |
| Petroleum                    | 1   |
| Fungus (ASTM G-21)           | 1   |
| Halogen Free                 | Yes |
| RoHS                         | Yes |
| SVHC                         | NA  |