

- **F360**
- Easy, Cost And Labor Effective Installation
   Soft And Quiet In High
   3/8" E360.388I
- Vibration Uses
  Cut And Abrasion Resistant
- Chemically Inert
- Halogen Free

|                 |            |                             |                          |             |          | -        |                     |              |
|-----------------|------------|-----------------------------|--------------------------|-------------|----------|----------|---------------------|--------------|
| Nominal<br>Size | Part<br>#  | Wall<br>Thickness<br>±.005″ | Monofilament<br>Diameter | Bulk<br>Box | Box<br>A | Box<br>B | Available<br>Colors | Lbs/<br>100' |
| 3/8″            | F360.38BK  | .028″                       | .010″                    | 1,500′      | 150′     | 75′      | 1                   | 0.83         |
| 1/2″            | F360.50BK  | .028″                       | .010″                    | 1,200′      | 150′     | 75′      | 1                   | 1.14         |
| 3/4″            | F360.75BK  | .028″                       | .010″                    | 500′        | 100′     | 50′      | 1                   | 1.53         |
| 1″              | F3601.00BK | .028″                       | .010″                    | 400′        | 100′     | 50′      | 1                   | 1.67         |
| 1 1/4″          | F3601.25BK | .028″                       | .010″                    | 250′        | 75′      | 25′      | 1                   | 2.26         |
| 1 3/8″          | F3601.38BK | .028″                       | .010″                    | 200′        | 75′      | 25′      | 1                   | 2.48         |
| 1 1/2″          | F3601.50BK | .040″                       | .015″                    | 150′        | 75′      | 25′      | 1                   | 3.90         |
| 2″              | F3602.00BK | .040″                       | .015″                    | 100′        | 50′      | 25′      | 1                   | 5.37         |

Put-Ups



## Material Polyethylene Terepthalate

Grade F360

Monofilament Diameter .010" - .015"

### Drawing Number TF001F360-WD



# 360° of Complete Coverage of Flexible, Semi-Rigid Braided Conduit

F360° is an innovative conduit designed to encase your wires with a flexible structure. F360's circular shape is lightweight yet extremely strong. Utilizing our now famous F6 style triaxial braid technology, this new design will solve situations that need additional security and tamper resistance. The full 360° degree enclosure makes a sturdy wire duct while still remaining breathable and light. Feeding wires through F360° is easy due to the ridged design. The beautifully finished bundle will maintain it's shape and add serious protection for a very long life.



Colors Available:

F360 braid is lightweight and quiet. It will bend to a tight radius without distorting , and it will not impair or affect the flexibility of harnesses.





7009

600

500°

400°

3009

200°

100

-2009

TEMPERATURES

OPERATING



Abrasion Resistance High

Rating \_\_\_\_\_

Abrasion Test Machine Taber 5150

Abrasion Test Wheel Calibrase H-18

Abrasion Test Load **500g** 

*Room Temperature* 80°F

Humidity 74%

Some Scuffing Visible 500 Test Cycles

Significant Wear Is Visible With Several Braid Filaments Broken 1,200 Test Cycles

Material Destroyed 1,950 Test Cycles

Pre-Test Weight 5,365.1 mg

Post-Test Weight 4,850 mg

Test End Loss Of Mass Point Of Destruction 515.1 mg



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

| Aromatic Solvents                 | 2    |
|-----------------------------------|------|
| Aliphatic Solvents                | 1    |
| Chlorinated Solvents              |      |
| Weak Bases                        | 1    |
| Salts                             | 1    |
| Strong Bases                      | 2    |
| Salt Water 0-S-1926               | 1    |
| Hydraulic Fluid <i>MIL-H-5606</i> | 1    |
| Lube Oil <i>MIL-L-7808</i>        | 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                              | None |
|                                   |      |

ASTM D-2117 **482°F (250°C)** Maximum Continuous Mil-I-23053 **257°F (125°C)** 

Melt Point

Minimum Continuous -94°F (-70°C)<sup>—</sup>

UL94VO

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# O PHYSICAL PROPERTIES

| Monofilament Diameter010015<br>ASTM D-204      |
|------------------------------------------------|
| Flammability Rating UL94                       |
| Recommended CuttingHot Knife                   |
| Colors 1                                       |
| Wall Thickness028040                           |
| Tensile Strength (Yarn)6-10<br>ASTM D-2256 Lbs |
| Specific Gravity ASTM D-7921.38                |
| Moisture Absorption12<br>% ASTM D-570          |
| Hard Vacuum Data ASTM E-595                    |
| TML19                                          |
| CVCM00                                         |
| WVR16                                          |
| Smoke D-Max 56<br><i>ASTM E-662</i>            |
| Outgassing Med                                 |
| Oxygen Index 21<br>ASTM D-2863                 |

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