



## F360

### 360° OF COMPLETE COVERAGE OF FLEXIBLE, SEMI-RIGID BRAIDED CONDUIT IT WILL BEND TO A TIGHT RADIUS WITHOUT DISTORTING

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.s 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.

#### SIZING CHART

Nominal Size	Part #	Wall Thickness ±.005"	Monofilament Diameter	*Put-Ups		Available Colors	Lbs/ 100'
				M	L		
3/8"	F360.38BK	.028"	.010"	150'	1,500'	1	0.83
1/2"	F360.50BK	.028"	.010"	150'	1,200'	1	1.14
3/4"	F360.75BK	.028"	.010"	100'	500'	1	1.53
1"	F3601.00BK	.028"	.010"	100'	400'	1	1.67
1 1/4"	F3601.25BK	.028"	.010"	75'	250'	1	2.26
1 3/8"	F3601.38BK	.028"	.010"	75'	200'	1	2.48
1 1/2"	F3601.50BK	.040"	.015"	75'	150'	1	3.90
2"	F3602.00BK	.040"	.015"	50'	100'	1	5.37

\*Put-Ups: "M" = Shop Spool and "L" = Bulk Spool

#### FEATURES

Material	Polyethylene Terephthalate
Grade	F360
Monofilament Diameter	.010"-.015"
Drawing Number	TF001F360-WD
Cutting	Hot Knife

#### COLORS



Black (BK)

#### CERTIFICATIONS





## ABRASION

Abrasion Resistance	<b>HIGH</b>
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	1,900 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

## PHYSICAL PROPERTIES

Monofilament Diameter (ASTM D-204)	.010"-.015"
Flammability Rating	UL94
Recommended Cutting	Hot Knife
Colors	1
Wall Thickness	.025"-.040"
Tensile Strength (Yarn) (ASTM D-2256 Lbs)	6-10
Specific Gravity (ASTM D-792)	1.38
Moisture Absorption % (ASTM D-570)	.1-.2
Hard Vacuum Data (ASTM E-595 at 10-5 torr)	
TML	.19
CVCM	.00
WVR	.16
Smoke D-Max (ASTM E-662)	56
Outgassing	Medium
Oxygen Index (ASTM D-2863)	21

## FLAMMABILITY

Rating	UL94VO
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## OPERATING TEMPERATURES

Melt Point (ASTM D-2117)	482°F / 250°C
Maximum Continuous (Mil-I-23053)	257°F / 125°C
Minimum Continuous (Mil-I-23053)	-94°F / -70°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	None