



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. 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 ±0,13mm	Monofilament Diameter	*Put-Ups			Available Colors	Kgs/100m
				M	L	XL		
9,5mm	F360.38BK	0,71mm	0,25mm	22,8m	45,7m	457,2m	1	1,23
12,7mm	F360.50BK	0,71mm	0,25mm	22,8m	45,7m	365,7m	1	1,69
19,1mm	F360.75BK	0,71mm	0,25mm	15,2m	30,4m	152,4m	1	2,27
25,4mm	F3601.00BK	0,71mm	0,25mm	15,2m	30,4m	121,9m	1	2,48
31,8mm	F3601.25BK	0,71mm	0,25mm	7,6mm	22,8m	76,2m	1	3,36
34,9mm	F3601.38BK	0,71mm	0,25mm	7,6mm	22,8m	60,9m	1	3,69
38,1mm	F3601.50BK	1,02mm	0,38mm	7,6mm	22,8m	60,9m	1	5,80
50,8mm	F3602.00BK	1,02mm	0,38mm	7,6mm	15,2m	30,4m	1	7,99

*Put-Ups: "M" = Box B, "L" = Box A, "XL" = Bulk



FEATURES

Material	Polyethylene Terephthalate
Grade	F360
Monofilament Diameter	0,25mm - 0,38mm
Drawing Number	TF001F360-WD
Cutting	Hot Knife

COLORS



Black (BK)

CERTIFICATIONS





ABRASION

Abrasion Resistance	HIGH
Abrasion Test Machine	Taber 5150
Abrasion Test Wheel	Calibrase H-18
Abrasion Test Load	500g
Room Temperature	80°F / 25°C
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)	0,25mm - 0,38mm
Flammability Rating	UL94
Recommended Cutting	Hot Knife
Colors	1
Wall Thickness	0,71mm - 1,02mm
Tensile Strength (Yarn) (ASTM D-2256 Lbs)	6-10
Specific Gravity (ASTM D-792)	1,38
Moisture Absorption % (ASTM D-570)	0,1 - 0,2%
Hard Vacuum Data (ASTM E-595 at 10-5 torr)	
TML	0,19
CVCM	0,00
WVR	0,16
Smoke D-Max (ASTM E-662)	56
Outgassing	Medium
Oxygen Index (ASTM D-2863)	21

FLAMMABILITY

Rating	UL94V0
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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

