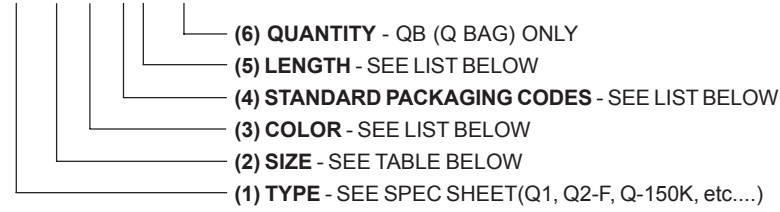


PART NUMBER EXAMPLE: Q2-F-3/64-01-QB48IN-25

PART NUMBER EXAMPLE:

X - X - X - X X - X



NOTE: Table below represents information on individual spec sheet

- 4 STANDARD PACKAGING CODES:
 MS - MINI SPOOL + LENGTH (FT or M)
 QB - Q BAG (Polybag contains quantity specified)
 QX - Q BOX + LENGTH (FT or M)
 RK - REFILL BAG
 SS - STANDARD SPOOL + LENGTH (FT or M)

- 3 COLOR CODES:
 01 BLACK
 02 CLEAR
 03 WHITE
 04 RED
 05 BLUE
 06 GREEN
 07 YELLOW
 08 YELLOW / GREEN
 09 BROWN
 10 ORANGE
 11 ASSORTED COLORS
 12 GRAY

- 5 LENGTH:
 FT = FEET
 M = METERS
 IN = INCH
 MM = MILLIMETERS

Qualtek Electronics

Q2-F

FLEXIBLE, FLAME RETARDANT POLYOLFIN TUBING
 ENVIRONMENT FRIENDLY, HIGHLY FLAME RETARDANT
 SHRINK RATIO 2:1

Features/Applications:
 Provides both commercial and military applications electrical insulation and protects in-line components, disconnect terminals and splices with its high strength and excellent resilience. Bundles wires for very flexible light-duty harnesses. Identifies or color-codes wires, cables, terminals and components.

- Operating temperature: -55°C to +135°C
- Minimum shrink temperature: 70°C
- Full recovery temperature: 100°C
- Approval: File No. E229537, 242540
- 125°C VW-1, 600V
- Meets SAE-AMS-DTL 22063/5 Class 1 & 3, Sony-SS-00259
- Material: No PBB's, PBBO's, PBBE's, Free of Cadmium & Lead
- Standard colors: Black, red, blue, yellow, green, white, clear (class 2)
- RoHS Compliant

Technical Data		
Property	Test Method	Typical Data
Tensile Strength	ASTM D 2071	44MPa
Elongation at Break	ASTM D 2071	500%
Fluorescence after Aging (15°C, 168 hrs.)	ASTM D 2071	0%
Flammability	UL 204 VW-1, SAE-AMS-DTL 22063/5	Pass
Heat Shrink (250°C, 4 hrs.)	ASTM D 2071	Not occurring
Cold Shrink (25°C, 4 hrs.)	ASTM D 2071	Not occurring
Dimensional Stability	ASTM D 159	±0.1%
Volume Resistance	ASTM D 495	10 ¹² Ω-cm
Surface Resistance	ASTM D 495	10 ¹² Ω
Water Absorption	ASTM D 555	0.15%
Chemical Resistance	SAE-AMS-DTL 22063/5	Pass
Longitudinal Shrinkage	UL 204	0.5-1%
Transverse Shrinkage	UL 204	0-3%

Product Dimensions							
Size (inch)	As Supplied (mm)		After Recovered (mm)		Standard Packaging		
	Inside Diameter (min.)	Inside Diameter (max.)	Wall Thickness (min.)	Wall Thickness (max.)	Mini Spool (MS) (Feet)	Standard Spool (SS) (Feet)	Box Length (QX) (Feet)
3/64	1.2	0.6	0.40	0.40	100	1000	50
1/16	1.6	0.8	0.40	0.40	100	1000	50
3/32	2.4	1.2	0.48	0.48	100	500	50
1/8	3.2	1.6	0.48	0.48	100	500	50
3/16	4.8	2.4	0.48	0.48	100	500	30
1/4	6.4	3.2	0.56	0.56	100	500	30
5/16	8.0	4.0	0.62	0.62	100	250	30
3/8	9.5	4.8	0.62	0.62	100	250	30
1/2	12.7	6.4	0.62	0.62	100	200	15
5/8	15.9	8.0	0.68	0.68	50	200	15
3/4	19.1	9.5	0.68	0.68	50	200	15
1	25.4	12.7	0.87	0.87	50	200	15
1 1/4	31.8	15.9	1.00	1.00	50	100	-
1 1/2	38.1	19.1	1.00	1.00	50	100	-
2	50.8	25.4	1.10	1.10	50	100	-
3	76.2	38.1	1.20	1.20	-	100	-
4	102.0	50.8	1.35	1.35	-	100	-
5	125.0	63.5	1.40	1.40	-	50	-
6	151.0	75.0	1.40	1.40	-	50	-

Notes:
 1. See page 8 - Part Number Guide for standard packaging codes.
 2. Class difference (color) based on page 8.
 3. Special sizes, packaging, colors and cut pieces are available upon request.
 4. Standard sizes, packaging, colors and cut pieces are available upon request.
 5. RoHS Compliant

180-9001 Company www.qualtekusa.com

SAMPLE TABLE: Q2-F

2 Product Dimensions

Size (Inch)	As Supplied (mm)		After Recovered (mm)		Standard Packaging			
	Inside Diameter (min.)	Inside Diameter (max.)	Wall Thickness (min.)	Wall Thickness (max.)	Mini Spool *(MS) (Feet)	Standard Spool *(SS) (Feet)	Box Length *(QX) (Feet)	Cut to Length Pcs. *(QB) Qty per bag
3/64	1.2	0.6	0.40	0.40	100	1000	50	40 25
1/16	1.6	0.8	0.40	0.40	100	1000	50	36 25
3/32	2.4	1.2	0.48	0.48	100	500	50	32 25
1/8	3.2	1.6	0.48	0.48	100	500	50	28 25
3/16	4.8	2.4	0.48	0.48	100	500	30	24 25
1/4	6.4	3.2	0.56	0.56	100	500	30	20 25
5/16	8.0	4.0	0.62	0.62	100	250	30	18 25
3/8	9.5	4.8	0.62	0.62	100	250	30	16 25
1/2	12.7	6.4	0.62	0.62	100	200	15	14 5
5/8	15.9	8.0	0.68	0.68	50	200	15	14 5
3/4	19.1	9.5	0.68	0.68	50	200	15	12 5
1	25.4	12.7	0.87	0.87	50	200	15	8 5
1 1/4	31.8	15.9	1.00	1.00	50	100	-	8 5
1 1/2	38.1	19.1	1.00	1.00	50	100	-	5 5
2	50.8	25.4	1.10	1.10	50	100	-	3 5
3	76.2	38.1	1.20	1.20	-	100	-	2 2
4	102.0	50.8	1.35	1.35	-	100	-	1 2
5	125.0	63.5	1.40	1.40	-	50	-	1 2
6	151.0	75.0	1.40	1.40	-	50	-	1 2

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