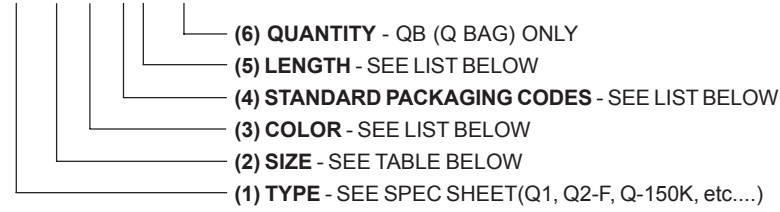


PART NUMBER EXAMPLE: Q2-F-3/64-01-QB48IN-25

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

HEAT SHRINK THIN WALL TUBING Qualtek Electronics

Q2-F RoHS Compliant

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	300%
Elongation after Aging (150°C, 168 hrs.)			ASTM D 2071	200%
Flammability			UL 24V VW-1, SAE-AMS-DTL 22063/5	Pass
Heat Shrink (200°C, 4 hrs.)			ASTM D 2071	Not occurring
Cold Shrink (20°C, 4 hrs.)			ASTM D 2071	Not occurring
Dimensional Stability			ASTM D 159	±0.5%
Volume Retention			ASTM D 459	107.4%
Tensile Modulus			UL 344	1.0 GPa
Water Absorption			ASTM D 555	0.15%
Chemical Resistance			SAE-AMS-DTL 22063/5	Pass
Longitudinal Shrinkage			UL 244	0.3-1%
Transverse Shrinkage			UL 244	0-3%

Product Dimensions		As Supplied (mm)		After Recovered (mm)		Standard Packaging				
Size (inch)	Inside Diameter (min.)	Inside Diameter (min.)	Inside Diameter (max.)	Wall Thickness (min.)	Mini Spool (MS) (Feet)	Standard Spool (SS) (Feet)	Box Length (QX) (Feet)	Cut to Length Pcs. Qty per bag	6"	48"
3/64	1.2	0.6	0.40	100	1000	50	40	25		
1/16	1.6	0.8	0.40	100	1000	50	36	25		
3/32	2.4	1.2	0.48	100	500	50	32	25		
1/8	3.2	1.6	0.48	100	500	50	28	25		
3/16	4.8	2.4	0.48	100	500	30	24	25		
1/4	6.4	3.2	0.56	100	500	30	20	25		
5/16	8.0	4.0	0.62	100	250	30	18	25		
3/8	9.5	4.8	0.62	100	250	30	16	25		
1/2	12.7	6.4	0.62	100	200	15	14	5		
5/8	15.9	8.0	0.68	50	200	15	14	5		
3/4	19.1	9.5	0.68	50	200	15	12	5		
1	25.4	12.7	0.87	50	200	15	8	5		
1 1/4	31.8	15.9	1.00	50	100	-	8	5		
1 1/2	38.1	19.1	1.00	50	100	-	5	5		
2	50.8	25.4	1.10	50	100	-	3	5		
3	76.2	38.1	1.20	-	100	-	2	2		
4	102.0	50.8	1.35	-	100	-	1	2		
5	125.0	63.5	1.40	-	50	-	1	2		
6	151.0	75.0	1.40	-	50	-	1	2		

Notes:
 1. See page 8 - Part Number Guide for standard packaging codes.
 2. Class 2 Reference Guide located 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

ISO-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.)	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	100	1000	50	40	25
1/16	1.6	0.8	0.40	100	1000	50	36	25
3/32	2.4	1.2	0.48	100	500	50	32	25
1/8	3.2	1.6	0.48	100	500	50	28	25
3/16	4.8	2.4	0.48	100	500	30	24	25
1/4	6.4	3.2	0.56	100	500	30	20	25
5/16	8.0	4.0	0.62	100	250	30	18	25
3/8	9.5	4.8	0.62	100	250	30	16	25
1/2	12.7	6.4	0.62	100	200	15	14	5
5/8	15.9	8.0	0.68	50	200	15	14	5
3/4	19.1	9.5	0.68	50	200	15	12	5
1	25.4	12.7	0.87	50	200	15	8	5
1 1/4	31.8	15.9	1.00	50	100	-	8	5
1 1/2	38.1	19.1	1.00	50	100	-	5	5
2	50.8	25.4	1.10	50	100	-	3	5
3	76.2	38.1	1.20	-	100	-	2	2
4	102.0	50.8	1.35	-	100	-	1	2
5	125.0	63.5	1.40	-	50	-	1	2
6	151.0	75.0	1.40	-	50	-	1	2

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