

# QUALTEK Heat Shrink Tubing

**Qualtek** ELECTRONICS CORPORATION  
(WCT) Wire, Cable and Tube Division

RoHS Compliant This product is RoHS compliant.

## Q5-2X & Q5-3X TYPE - DUAL WALL, ADHESIVE LINES, FLEXIBLE POLYOLEFIN 2:1 & 3:1 SHRINK RATIO

Dual wall, adhesive lined tubing manufactured by co-extrusion of polyolefin and hot-melt adhesive. Designed to provide insulation and sealing protection against water and moisture for a wide variety of applications such as automotive harnessing, bundled wires, ship board cables, metal tubes, and many others. Standard color is black but other colors available for special order.

- Operating Temp: -45°C + 125°C
- Min Shrink Temp.: 80°C
- UL File No. E236137
- Color: black



Size (in.)	As Sup.			After Recovered			6 Inch Lengths			4 Foot Lengths		
	Min. Inside Dia. (mm)	Max. Inside Dia. (mm)	Min. Wall Thick (mm)	MOUSER STOCK NO.	Pieces Per Pkg.	Price Per Package		MOUSER STOCK NO.	Pieces Per Pkg.	Price Per Package		
						1	10			1	10	
<b>Q5-2X</b>												
1/8	3.2	1.6	0.70	562-Q52X18-6N28	28	4.15	3.94	562-Q52X18-48N25	25	31.01	29.46	
3/16	4.8	2.4	0.70	562-Q52X316-6N24	24	5.00	4.75	562-Q52X316-48N25	25	37.99	36.09	
1/4	6.4	3.2	0.75	562-Q52X14-6N20	20	5.20	4.94	562-Q52X14-48N25	25	30.00	28.50	
3/8	9.5	4.8	0.75	562-Q52X38-6N16	16	5.65	5.36	562-Q52X38-48N25	25	38.06	36.15	
1/2	12.7	6.4	0.75	562-Q52X12-6N14	14	6.99	6.64	562-Q52X12-48N5	5	11.56	10.98	
3/4	19.1	9.5	0.90	562-Q52X34-6N12	12	9.60	9.12	562-Q52X34-48N5	5	23.65	22.46	
1	25.4	12.7	1.10	562-Q52X11-6N8	8	8.00	7.60	562-Q52X11-48N5	5	40.99	38.94	
1 1/2	38.1	19.0	1.10	562-Q52X12-6N5	5	9.76	9.27	-----	-	-	-	
<b>Q5-3X</b>												
1/8	3.0	0.6	1.00	562-Q53X18-6N28	28	4.15	3.94	562-Q53X18-48N25	25	31.10	28.00	
3/16	4.8	1.5	1.10	562-Q53X316-6N24	24	5.00	4.75	562-Q53X316-48N25	25	38.00	36.10	
1/4	6.0	2.0	1.20	562-Q53X14-6N20	20	4.50	4.28	562-Q53X14-48N25	25	39.25	37.29	
3/8	9.0	3.0	1.30	562-Q53X38-6N16	16	4.85	4.61	562-Q53X38-48N25	25	60.00	57.00	
1/2	12.0	4.0	1.70	562-Q53X12-6N14	14	6.60	6.27	562-Q53X12-48N5	5	16.40	15.58	
3/4	19.0	6.0	2.00	562-Q53X34-6N12	12	9.00	8.55	562-Q53X34-48N5	5	23.50	22.32	
1	24.0	8.0	2.20	562-Q53X11-6N8	8	10.95	10.40	562-Q53X11-48N5	5	41.01	38.95	
1 1/4	30.0	10.0	2.40	562-Q53X114-6N5	5	7.00	6.65	562-Q53X114-48N5	5	58.40	55.48	
1 1/2	40.0	13.0	2.50	562-Q53X112-6N5	5	10.99	10.44	562-Q53X112-48N5	5	65.00	61.75	
2	50.0	19.0	2.50	562-Q53X2-6N3	3	9.50	9.02	562-Q53X2-48N5	5	99.50	94.53	

## Q-150K TYPE - KYNAR® THIN WALL

Flame retardant PVDF tubing used for applications requiring high temperature performance.



- Operating Temp: -55°C + 150°C
- Min Shrink Temp.: 135°C
- UL File No. E245010



Size (in.)	As Sup.			After Recovered			4 Foot Lengths		
	Min. Inside Dia. (mm)	Max. Inside Dia. (mm)	Min. Wall Thick (mm)	MOUSER STOCK NO.	Pieces Per Pkg.	Price Per Package			
						1	10		
<b>Q-150K 2:1 Shrink Ratio, Black</b>									
3/64	1.2	0.6	0.25	562-Q150K364-48N25	25	32.50	30.88		
1/16	1.6	0.8	0.25	562-Q150K116-48N25	25	37.00	35.15		
3/32	2.4	1.2	0.25	562-Q150K332-48N25	25	44.99	42.74		
1/2	12.7	6.4	0.3	562-Q150K12-48N5	5	32.53	30.90		
<b>Q-150K 2:1 Shrink Ratio, Clear</b>									
1/16	1.6	0.8	0.25	562-Q150K116-48N25C	25	37.00	35.15		
3/16	4.8	2.4	0.25	562-Q150K316-48N25C	25	80.50	76.48		
3/8	9.5	4.8	0.3	562-Q150K38-48N25C	25	145.00	137.75		
1/2	12.7	6.4	0.3	562-Q150K12-48N5C	5	32.53	30.90		
3/4	19.1	9.5	0.43	562-Q150K34-48N5C	5	60.00	57.00		

## Q2-F3X - HIGHLY FLEXIBLE HEAT SHRINK TUBING FLAME RETARDANT POLYOLEFIN, SHRINK RATIO 3:1

Outstanding physical, chemical and electrical properties make it a good choice for electrical insulation, bundling, and marking. Prevents corrosion plus provides mechanical protection.

- Operating Temp: -55°C + 135°C
- Full Recovery: 100°C
- Min Shrink Temp.: 70°C



Size (in.)	As Supplied			After Recovered			6 Inch Lengths			4 Foot Lengths			Mini Spools		
	Min. Inside Dia. (mm)	Max. Inside Dia. (mm)	Min. Wall Thickness (mm)	MOUSER STOCK NO.	Pieces Per Pkg.	Price Per Pkg.		MOUSER STOCK NO.	Pieces Per Pkg.	Price Per Pkg.		MOUSER STOCK NO.	Spool Length (ft.)	Price Per Spool	
						1	10			1	10			1	10
1/16	1.6	0.50	0.45	562-Q2F3X116-6N28	28	1.19	1.08	562-Q2F3X116-48N25	25	8.45	7.76	562-Q2F3X116-MS200	200	13.86	13.16
1/8	3.2	1.00	0.55	562-Q2F3X18-6N24	24	1.26	1.15	562-Q2F3X18-48N25	25	10.48	9.61	562-Q2F3X18-MS200	200	20.00	18.30
3/16	4.8	1.50	0.60	562-Q2F3X316-6N24	24	3.13	2.97	562-Q2F3X316-48N25	25	21.41	20.34	562-Q2F3X316-MS100	100	14.25	13.54
1/4	6.4	2.00	0.65	562-Q2F3X14-6N20	20	2.02	1.87	562-Q2F3X14-48N25	25	20.50	18.87	562-Q2F3X14-MS100	100	19.75	17.98
3/8	9.5	3.00	0.75	562-Q2F3X38-6N16	16	2.05	1.87	562-Q2F3X38-48N25	25	28.25	25.78	562-Q2F3X38-MS50	50	22.38	21.26
1/2	12.7	4.00	0.80	562-Q2F3X12-6N14	14	2.75	2.59	562-Q2F3X12-48N5	5	7.00	6.43	562-Q2F3X12-MS50	50	15.75	14.96
3/4	19.1	6.00	0.90	562-Q2F3X34-6N12	12	3.58	3.24	562-Q2F3X34-48N5	5	13.25	12.04	562-Q2F3X34-MS50	50	26.88	25.54
1	25.4	8.00	1.20	562-Q2F3X11-6N8	8	3.70	3.36	562-Q2F3X11-48N5	5	18.50	16.95	562-Q2F3X11-MS50	50	44.00	41.80
1 1/2	39.0	13.00	1.25	562-Q2F3X112-6N5	5	4.80	4.42	-----	-	-	-	-	-	-	-

## Q2-F3X HEAT SHRINK TUBING KIT, BLACK - 106 PIECES



Kit		
MOUSER STOCK NO.	Description	Price Per Kit
562-Q2F3X-QK1-KIT106	106 pieces in 6" Lengths	51.09



Q2-F3X 106 6" pieces:	
Size	Quantity
1/16	28 pieces
1/8	24 pieces
1/4	20 pieces
1/2	14 pieces
3/4	12 pieces
1	8 pieces

Refills			
MOUSER STOCK NO.	Pieces Per Package	Size	Price Per Pkg.
562-Q2F3XRRK116-6N28	28	1/16	1.36
562-Q2F3XRRK18-6N24	24	1/8	1.24
562-Q2F3XRRK14-6N20	20	1/4	2.05
562-Q2F3XRRK12-6N14	14	1/2	2.84
562-Q2F3XRRK34-6N12	12	3/4	4.57
562-Q2F3XRRK11-6N8	8	1	4.30

## Q2-F4X HIGH SHRINK RATIO, 4:1, HIGHLY FLEXIBLE, FLAME RETARDANT POLYOLEFIN TUBING

With it's outstanding physical, chemical and electrical properties it's widely used in military, aerospace, and fine electronic instruments for insulating or repairing harnesses, cables and connectors.

- Operating Temp: -55°C + 135°C



Size (in.)	As Supplied			After Recovered			4 Foot Lengths		
	Min. Inside Dia. (mm)	Max. Inside Dia. (mm)	Min. Wall Thickness (mm)	MOUSER STOCK NO.	Pieces Per Pkg.	Price Per Pkg.			
						1	5		
3/4	19.1/4.6	4.6	1.7	562-Q2F4X34-48N5	5	27.34	25.06		
1	25.4/7.0	7.0	1.7	562-Q2F4X11-48N5	5	33.38	30.60		
1 1/2	38.1/9.5	9.5	1.7	562-Q2F4X112-48N5	5	36.95	35.10		
2	50.8/14.0	14.0	1.7	562-Q2F4X2-48N5	5	75.77	69.45		

## Q2-PTFE TEFLON 2:1 SHRINK RATIO

Designed specially for applications where high temperature and chemical resistance is required. Works great as an electrical insulator and where highly flame retardant properties are required.

- Operating Temp: -55°C + 260°C



Size (AWG)	As Supplied			After Recovered			4 Foot Lengths		
	Min. Inside Dia. (mm)	Max. Inside Dia. (mm)	Min. Wall Thickness (mm)	MOUSER STOCK NO.	Pieces Per Pkg.	Price Per Pkg.			
						1	5		
16	2.36	1.45	.30	562-QPTFE-16	25	125.25	113.89		
8	6.10	3.55	.38	562-QPTFE-8	5	69.78	66.29		
6	7.67	4.40	.38	562-QPTFE-6	5	62.18	59.07		

## QSEC HEAT SHRINKABLE CABLE END CAPS WITH SPIRAL ADHESIVE COATING

Economical means of sealing the ends of power and control cables to ensure a watertight seal. Protects against oxidation, ozone, UV radiation, etc.

- Operating Temp: -55°C + 110°C



MOUSER STOCK NO.	Cable Diameter	Length (Min/Max)	Dimensions (L x W)	Price Each	
				1	10
562-QSEC1	5-12	14/4.5	45 x 2.0	1.00	.956
562-QSEC2	10-20	25/8	70 x 2.3	1.84	1.75