

# ALPHA WIRE Heat Shrinkable Tubing



## 100 FLEXIBLE NON-IRRADIATED PVC SHRINKABLE TUBING

RoHS Compliant This product is RoHS compliant.

- Specifications:**
- Operating Temperature: 105°C
  - UL VW-1
  - 20% Longitudinal Shrinkage
  - Shrinkage Temperature: 100°C



Replace the blank in the part number with: BK for Black, CL for Clear



25' Spool				Large Spools			
Size	Expanded I.D. Min (in.)	Recovered I.D. (in.)	MOUSER STOCK NO.	Price Per Spool	MOUSER STOCK NO.	Spool Lth (Ft.)	Price Per Spool
3/64	.046	.023	602-100364__25	27.26	602-100364__	1000	228.92
1/16	.063	.032	602-100116__25	16.34	602-100116__	1000	190.24
3/32	.093	.046	602-100332__25	16.57	602-100332__	1000	205.28
1/8	.125	.063	602-100018__25	17.08	602-100018__	1000	184.18
3/16	.187	.093	602-100316__25	20.32	602-100316__	1000	256.86
1/4	.250	.125	602-100014__25	21.85	602-100014__	1000	247.48
5/16	.313	.157	602-100516__25	19.13	602-100516__	500	132.70
3/8	.375	.187	602-100038__25	24.11	602-100038__	500	176.56
1/2	.500	.250	602-100012__25	32.03	602-100012__	250	100.50
5/8	.625	.313	602-100058__25	20.90	602-100058__	250	121.82
3/4	.750	.375	602-100034CL__25	48.52	602-100034BK	250	136.14
1	1.000	.500	602-100100__25	72.68	602-100100__	250	196.62



## 105 FLEXIBLE IRRADIATED PVC SHRINKABLE TUBING

- Specifications:**
- Operating Temperature: -35°C to 105°C
  - Shrinkage Ratio: app. 2 to 1 @ 175°C
  - Longitudinal Shrinkage: 10%
  - Flammability: Self-Extinguishing (UL VW-1)
  - Tensile Strength: 2600psi
  - Ultimate Elongation: 250%
  - Fungus Resistance: No Growth (MIL-1-7444)
  - Dielectric Strength: 750V
  - MIL-1-23053/2C, class 1
  - Color: Black

- Features:**
- Economy
  - Flexibility
  - Excellent Flame Retardancy
  - Military, UL/CSA requirements
  - Extended shelf life
- Applications:**
- Use w/ Irradiated PVC wire/cable
  - Wire harnesses
  - Cable/connector protection
  - Insulation of terminals
  - Wire splices



25' Spool				100' Spool			Large Spools		
Size	Expanded I.D. Min (in.)	Recovered I.D. (in.)	MOUSER STOCK NO.	Price Per Spool	MOUSER STOCK NO.	Price Per Spool	MOUSER STOCK NO.	Spool Lth (ft.)	Price Per Spool
3/64	.046	.023	602-105364-25	15.39	602-105364-100	54.06	602-105364	1000	228.92
1/16	.062	.031	602-105116-25	16.01	602-105116-100	58.43	602-105116	1000	233.25
3/32	.093	.046	602-105332-25	18.72	602-105332-100	65.84	602-105332	1000	264.13
1/8	.125	.062	602-105018-25	19.57	602-105018-100	69.64	602-105018	1000	279.81
3/16	.187	.093	602-105316-25	23.94	602-105316-100	84.94	602-105316	1000	337.44
1/4	.250	.125	602-105014-25	29.45	602-105014-100	107.26	602-105014	1000	429.00
3/8	.375	.187	602-105038-25	33.26	602-105038-100	119.04	602-105038	500	239.05
1/2	.500	.250	602-105012-25	37.44	602-105012-100	134.24	602-105012	250	158.74
3/4	.750	.375	602-105034-25	50.18	602-105034-100	179.65	602-105034	250	218.27
1	1.000	.500	602-105100-25	63.64	602-105100-100	251.66	602-105100	250	297.68



## 221 FLEXIBLE IRRADIATED POLYOLEFIN SHRINKABLE TUBING

- Specifications:**
- Operating Temperature: -55°C to 135°C
  - Shrinkage Ratio: App. 2 to 1 @ 121°C
  - Longitudinal Shrinkage: ±3%
  - Color: Black



Size	Expanded I.D. Min (in.)	Recovered I.D. (in.)	MOUSER STOCK NO.	Pieces Per Pkg.	6" Lengths			MOUSER STOCK NO.	4' Lengths			MOUSER STOCK NO.	Spool Lth (Ft.)	Price Per Spool
					Price Per Pkg.				Price Per 4' Length					
					1	5	10		1	25	100			
3/64	.046	.023	602-221364-6BK	40	16.68	15.36	14.44	602-221364-4BK	.93	.73	.58	602-221364BK	1000	186.81
1/16	.063	.031	602-221116-6BK	36	16.68	15.36	14.44	602-221116-4BK	1.04	.79	.64	602-221116BK	1000	190.62
3/32	.093	.046	602-221332-6BK	32	17.94	16.52	15.54	602-221332-4BK	1.47	1.12	.81	602-221332BK	500	108.12
1/8	.125	.062	602-221018-6BK	28	17.93	16.52	15.54	602-221018-4BK	1.50	1.12	.92	602-221018BK	500	149.09
3/16	.187	.093	602-221316-6BK	24	18.61	17.13	16.11	602-221316-4BK	1.43	1.09	.85	602-221316BK	500	187.12
1/4	.250	.125	602-221014-6BK	20	17.94	16.52	15.54	602-221014-4BK	1.89	1.46	1.15	602-221014BK	250	109.32
3/8	.375	.187	602-221038-6BK	16	15.67	14.43	13.57	602-221038-4BK	2.57	1.99	1.58	602-221038BK	200	78.45
1/2	.500	.250	602-221012-6BK	14	13.79	12.70	11.95	602-221012-4BK	2.18	2.02	1.90	602-221012BK	150	98.21
3/4	.750	.375	602-221034-6BK	12	18.61	17.13	16.11	602-221034-4BK	2.73	2.52	2.39	602-221034BK	250	147.83
1	1.000	.500	602-221100-6BK	8	13.78	12.70	11.94	602-221100-4BK	4.12	3.82	3.59	602-221100BK	250	206.54
1 1/2	1.500	.750	602-221112-6BK	5	15.67	14.43	13.57	602-221112-4BK	10.95	10.12	9.59	602-221112BK	125	180.19
2	2.000	1.000	602-221200-6BK	3	16.85	15.52	14.60	602-221200-4BK	15.95	14.74	13.96	602-221200BK	125	305.80
3	3.000	1.500	602-221300-6BK	2	17.38	16.01	15.05	602-221300-4BK	30.10	27.84	26.35	602-221300BK	100	524.21
4	4.000	2.000	---	1	---	---	---	602-221400-4BK	41.26	38.17	36.11	602-221400BK	50	364.43



## 221V HIGHLY FLAME RETARDANT IRRADIATED POLYOLEFIN SHRINKABLE TUBING

- Specifications:**
- Operating Temperature: -40°C to 125°C
  - Shrinkage Ratio: App. 2 to 1 @ 121°C
  - Longitudinal Shrinkage: ±3%
  - Color: Black
  - UL VW-1



Size	Expanded I.D. Min (in.)	Recovered I.D. (in.)	MOUSER STOCK NO.	Pieces Per Pkg.	6 In. Lengths			MOUSER STOCK NO.	4 Ft. Lengths		
					Price Per Pkg.				Price Per 4' Length		
					1	5	10		1	25	100
3/64	.046	.023	602-221V364-6	40	14.65	13.91	13.16	602-221V364-4	1.46	.95	.75
1/16	.063	.031	602-221V116-6	36	17.26	16.38	15.50	602-221V116-4	1.36	.91	.70
3/32	.093	.046	602-221V332-6	32	14.65	13.91	13.16	602-221V332-4	1.67	1.13	.86
1/8	.125	.062	602-221V018-6	28	19.78	18.76	17.76	602-221V018-4	1.78	1.19	.92
3/16	.187	.093	602-221V316-6	24	16.09	15.27	14.45	602-221V316-4	2.02	1.38	1.07
1/4	.250	.125	602-221V014-6	20	17.26	16.38	15.50	602-221V014-4	2.53	1.67	1.29
3/8	.375	.187	602-221V038-6	16	16.09	15.27	14.45	602-221V038-4	3.01	2.02	1.55
1/2	.500	.250	602-221V012-6	14	16.09	15.27	14.45	602-221V012-4	3.83	2.56	2.42
3/4	.750	.375	602-221V034-6	12	17.27	16.39	15.50	602-221V034-4	4.58	3.06	2.89
1	1.000	.500	602-221V100-6	8	18.33	17.40	16.45	602-221V100-4	6.44	4.29	4.08



## 321 3 TO 1 SHRINK RATIO POLYOLEFIN SHRINKABLE TUBING

- Features:**
- Adhesive Inner Wall
- Specifications:**
- Operating Temperature: -55°C to 110°C
  - Shrinkage Ratio: App. 3 to 1 @ 125°C
  - Longitudinal Shrinkage: 15%
  - Color: Black



Size	Expanded Inner Dimension Min.	Recovered Inner Dimension Min.	MOUSER STOCK NO.	Pieces Per Package	6" Lengths				MOUSER STOCK NO.	4' Lengths			
					Price Per Package					Price Per 4' Length			
					1	5	25	100		1	5	25	100
1/8	.12"	.04"	602-321018-6BK	28	58.73	56.99	55.27	51.81	602-321018-4BK	9.30	8.79	8.30	7.51
1/4	.24"	.08"	602-321014-6BK	20	53.06	51.50	49.94	46.82	602-321014-4BK	14.25	13.50	12.75	12.24
1/2	.47"	.16"	602-321012-6BK	14	58.36	56.66	54.93	51.50	602-321012-4BK	23.43	22.18	20.95	19.71
1	.94"	.32"	602-321100-6BK	8	53.38	51.80	50.24	47.10	602-321100-4BK	63.79	60.43	57.06	53.70

