

# ALPHA WIRE Tubing/Sleeving

RoHS Compliant This product is RoHS compliant.



## AlphaWire PVC-105 ALL PURPOSE PVC TUBING

- Features:**
- Flexible Wire Protection
  - Resistance to Heat, Oil, and Abrasion



- Specifications:**
- Operating Temperature: -20°C to 105°C
  - Flammability: Self Extinguishing (UL VW-1)

### COLOR CODE CHART

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



Alpha Part No.	AWG No.	Nom I.D. (in.)	Wall Thickness	Spool Size (Ft.)	MOUSER STOCK NO.	Price Per Spool
PVC-105-24	24	.022	.012	1000	602-PVC105-24-1000	43.35
PVC-105-22	22	.027	.012	100	602-PVC105-22-100	15.56
PVC-105-20	20	.034	.016	1000	602-PVC105-20-1000	50.24
PVC-105-19	19	.038	.016	1000	602-PVC105-19-1000	50.24
PVC-105-18	18	.042	.016	100	602-PVC105-18-100	12.50
PVC-105-17	17	.047	.016	100	602-PVC105-17-100	12.59
PVC-105-16	16	.053	.016	100	602-PVC105-16-100	12.67
PVC-105-15	15	.059	.016	100	602-PVC105-15-100	12.84
PVC-105-14	14	.066	.016	100	602-PVC105-14-100	13.27
PVC-105-13	13	.076	.016	100	602-PVC105-13-100	13.60
PVC-105-12	12	.085	.016	500	602-PVC105-12-500	34.16
PVC-105-11	11	.095	.016	100	602-PVC105-11-100	15.22
PVC-105-10	10	.106	.016	500	602-PVC105-10-500	43.18
PVC-105-9	9	.118	.020	500	602-PVC105-9-500	46.67
PVC-105-8	8	.133	.020	100	602-PVC105-8-100	15.48
PVC-105-7	7	.148	.020	100	602-PVC105-7-100	15.82
PVC-105-6	6	.166	.020	100	602-PVC105-6-100	16.75
PVC-105-5	5	.186	.020	100	602-PVC105-5-100	18.03
PVC-105-4	4	.208	.020	100	602-PVC105-4-100	21.68
PVC-105-3	3	.234	.020	100	602-PVC105-3-100BK	22.87
PVC-105-2	2	.263	.020	250	602-PVC105-2-250	50.34
PVC-105-1	1	.294	.020	100	602-PVC105-1-100	24.42
PVC-105-0	0	.330	.020	100	602-PVC105-0-100	28.31
PVC-105-5/16	5/16	.312	.025	100	602-PVC1055/16-100	32.90

## AlphaWire TFT-200 TEFLON® TUBING

- Features:**
- Wire Harnesses
  - High Temperature Component Covering
  - Excellent Heat and Chemical Resistance
  - Superior Dielectric Strength



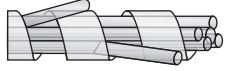
- Specifications:**
- Operating Temperature: -65°C to 260°C
  - Tensile Strength: 2500 psi
  - Color: Transparent

### 100' Spool

Alpha Part No.	AWG No.	Nom I.D. (in.)	Wall Thickness	MOUSER STOCK NO.	Price Per 100'
TFT-200-30	30	.012	.009	602-TFT-200-30-100	51.82
TFT-200-28	28	.015	.009	602-TFT-200-28-100	48.06
TFT-200-26	26	.018	.009	602-TFT-200-26-100	53.39
TFT-200-24	24	.022	.010	602-TFT200-24-100	58.50
TFT-200-22	22	.028	.010	602-TFT200-22-100	68.15
TFT-200-20	20	.034	.012	602-TFT20020-100	73.18
TFT-200-19	19	.038	.012	602-TFT-200-19-100	64.95
TFT-200-18	18	.042	.012	602-TFT20018-100	82.28
TFT-200-17	17	.047	.012	602-TFT20017-100	68.32
TFT-200-16	16	.053	.012	602-TFT-200-16-100	74.30
TFT-200-15	15	.059	.012	602-TFT20015-100	90.45
TFT-200-14	14	.066	.012	602-TFT200-14-100	88.42
TFT-200-13	13	.076	.012	602-TFT-200-13-100	76.93
TFT-200-12	12	.085	.012	602-TFT200-12-100	107.55
TFT-200-11	11	.095	.012	602-TFT20011-100	105.41
TFT-200-10	10	.106	.012	602-TFT20010-100	114.24

## AlphaWire SW SERIES SPIRAL WRAP TUBING

- Specifications:**
- Polyethylene Operating Temp: -20°C to +80°C
  - Flammability: Not Flame Retardant
  - Nylon Operating Temp: -40°C to +120°C
  - Flammability: 94V-2



### 25' Spool

### 100' Spool

Size	MOUSER STOCK NO.	Price Each	
		25'	100'
<b>Polyethylene, Clear</b>			
1/8	602-SW-1-25	13.40	602-SW-1-100 16.83
1/4	602-SW-2-25	9.03	602-SW-2-100 27.45
3/8	602-SW-3-25	13.02	602-SW-3-100 47.70
1/2	602-SW-4-25	15.30	602-SW-4-100 51.13
<b>Polyethylene, Black UV Resistant</b>			
1/8	602-SW-40-25	13.11	602-SW-40-100 18.05
1/4	602-SW-41-25	10.64	602-SW-41-100 36.48
3/8	602-SW-42-25	15.20	602-SW-42-100 52.52
1/2	602-SW-43-25	19.77	602-SW-43-100 67.74
<b>Nylon, Natural Color</b>			
1/4	602-SW-21-25	23.56	602-SW-21-100 81.13
3/8	602-SW-22-25	52.54	602-SW-22-100 172.95
1/2	602-SW-23-25	67.74	602-SW-23-100 224.08

## AlphaWire PIF-200 SILICONE COATED FIBERGLASS SLEEVING

- Features:**
- High Flexible Routing
  - Extreme Abrasion Resistance
  - Superior Electrical Properties



- Specifications:**
- Operating Temperature: -70°C to 200°C
  - Voltage Rating: 600V
  - Color: Natural

### 100' Spool

Alpha Part No.	AWG No.	Nom I.D. (in.)	MOUSER STOCK NO.	Price Per 100'
PIF-200-10	10	.107	602-PIF-200-10	120.71
PIF-200-9	9	.119	602-PIF-200-9	132.84
PIF-200-8	8	.136	602-PIF-200-8	140.36
PIF-200-7	7	.151	602-PIF-200-7	144.34
PIF-200-6	6	.170	602-PIF-200-6	147.73
PIF-200-5	5	.190	602-PIF-200-5	169.21
PIF-200-4	4	.208	602-PIF-200-4	174.50
PIF-200-3	3	.239	602-PIF-200-3	203.07
PIF-200-2	2	.268	602-PIF-200-2	224.51
PIF-200-1	1	.294	602-PIF-200-1	274.98
PIF-200-0	0	.330	602-PIF-200-0	321.30
PIF-200-3/8	3/8	.375	602-PIF-200-3/8	421.01
PIF-200-7/16	7/16	.438	602-PIF-200-7/16	555.48
PIF-200-1/2A	1/2	.500	602-PIF-200-1/2A	648.56

## AlphaWire PIF-240 UNCOATED FIBERGLASS SLEEVING

- Features:**
- Extreme Flexibility
  - Extreme Heat Environments
  - High Temperature Wire Harnesses
  - High Temperature Cable Connections



- Specifications:**
- Operating Temp: -60°C to 648°C
  - Color: Natural

### 100' Spool

Alpha Part No.	AWG No.	Nom I.D. (in.)	MOUSER STOCK NO.	Price Per 100'
PIF-240-18	18	.042	602-PIF-240-18	21.54
PIF-240-16	16	.053	602-PIF-240-16	20.13
PIF-240-14	14	.066	602-PIF-240-14	23.35
PIF-240-12	12	.085	602-PIF-240-12	23.81
PIF-240-11	11	.095	602-PIF-240-11	24.23
PIF-240-10	10	.106	602-PIF-240-10	26.61
PIF-240-9	9	.118	602-PIF-240-9	26.92
PIF-240-8	8	.133	602-PIF-240-8	28.48
PIF-240-7	7	.148	602-PIF-240-7	31.57
PIF-240-6	6	.166	602-PIF-240-6	33.24
PIF-240-5	5	.186	602-PIF-240-5	36.98
PIF-240-4	4	.208	602-PIF-240-4	42.72
PIF-240-3	3	.234	602-PIF-240-3	45.82
PIF-240-2	2	.263	602-PIF-240-2	51.73
PIF-240-1	1	.294	602-PIF-240-1	58.14
PIF-240-0	0	.330	602-PIF-240-0	70.27
PIF-240-3/8	3/8	.375	602-PIF-240-3/8	90.09
PIF-240-7/16	7/16	.438	602-PIF-240-7/16	113.99
PIF-240-1/2A	1/2	.500	602-PIF-240-1/2A	148.33

## AlphaWire PIF-130 PVC COATED FIBERGLASS SLEEVING

- Features:**
- Flexible Wire Harnessing
  - High Temperature, Abrasion, and Oil Resistance
  - Resists Fraying, Bending, and Knotting



- Specifications:**
- Operating Temp: -20°C to 130°C
  - Color: Black

### 100' Spool

Alpha Part No.	AWG No.	Nom I.D. (in.)	MOUSER STOCK NO.	Price Per 100'
PIF-130-20	20	.034	602-PIF-130-20	30.45
PIF-130-18	18	.042	602-PIF-130-18	31.92
PIF-130-16	16	.053	602-PIF-130-16	32.79
PIF-130-14	14	.066	602-PIF-130-14	37.29
PIF-130-12	12	.085	602-PIF-130-12	37.29
PIF-130-10	10	.106	602-PIF-130-10	40.82
PIF-130-8	8	.133	602-PIF-130-8	45.41
PIF-130-6	6	.166	602-PIF-130-6	53.75
PIF-130-4	4	.208	602-PIF-130-4	65.74
PIF-130-2	2	.263	602-PIF-130-2	81.70
PIF-130-0	0	.330	602-PIF-130-0	110.29
PIF-130-3/8	3/8	.375	602-PIF-130-3/8	139.78
PIF-130-7/16	7/16	.438	602-PIF-130-7/16	184.42
PIF-130-1/2A	1/2	.500	602-PIF-130-1/2A	225.71
PIF-130-5/8	5/8	.625	602-PIF-130-5/8	278.06
PIF-130-3/4	3/4	.750	602-PIF-130-3/4	358.28
PIF-130-7/8	7/8	.875	602-PIF-130-7/8	440.37
PIF-130-1 IN	1	1.000	602-PIF-130-1	531.46



Tubing

Alpha Wire