

# ALPHA WIRE Tubing/Sleeving

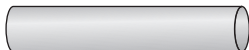
RoHS Compliant This product is RoHS compliant.



## 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:

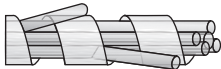
BK for Black, CL for Clear



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	55.79
PVC-105-22	22	.025	.012	100	602-PVC105-22-100	16.97
PVC-105-20	20	.032	.016	1000	602-PVC105-20-1000	50.45
PVC-105-19	19	.036	.016	1000	602-PVC105-19-1000	50.45
PVC-105-18	18	.040	.016	100	602-PVC105-18-100	13.24
PVC-105-17	17	.045	.016	100	602-PVC105-17-100	13.75
PVC-105-16	16	.051	.016	100	602-PVC105-16-100	13.43
PVC-105-15	15	.057	.016	100	602-PVC105-15-100	14.02
PVC-105-14	14	.064	.016	100	602-PVC105-14-100	14.48
PVC-105-13	13	.072	.016	100	602-PVC105-13-100	14.84
PVC-105-12	12	.081	.016	500	602-PVC105-12-500	36.23
PVC-105-11	11	.091	.016	100	602-PVC105-11-100	16.63
PVC-105-10	10	.102	.016	500	602-PVC105-10-500	36.20
PVC-105-9	9	.114	.020	500	602-PVC105-9-500	48.06
PVC-105-8	8	.129	.020	100	602-PVC105-8-100	15.94
PVC-105-7	7	.144	.020	100	602-PVC105-7-100	16.78
PVC-105-6	6	.162	.020	100	602-PVC105-6-100	18.29
PVC-105-5	5	.183	.020	100	602-PVC105-5-100	19.13
PVC-105-4	4	.204	.020	100	602-PVC105-4-100	22.33
PVC-105-3	3	.234	.020	100	602-PVC105-3-100BK	24.25
PVC-105-2	2	.258	.020	250	602-PVC105-2-250	43.40
PVC-105-1	1	.289	.020	100	602-PVC105-1-100	25.89
PVC-105-0	0	.325	.020	100	602-PVC105-0-100	30.03
PVC-105-5/16	5/16	.313	.025	100	602-PVC1055/16-100	34.90

## AlphaWire SW SERIES SPIRAL WRAP TUBING

- Specifications:**
- Polyethylene Operating Temp: -66°C to +88°C
  - Flammability: Not Flame Retardant
  - Nylon Operating Temp: -40°C to +121°C
  - Flammability: 94V-2



Size	25 ft. Spool		100 ft. Spool	
	MOUSER STOCK NO.	Price Per Spool	MOUSER STOCK NO.	Price Per Spool
<b>Polyethylene, Clear</b>				
1/8	602-SW-1-25	14.20	602-SW-1-100	17.83
1/4	602-SW-2-25	9.29	602-SW-2-100	28.27
3/8	602-SW-3-25	13.22	602-SW-3-100	48.42
1/2	602-SW-4-25	15.75	602-SW-4-100	53.52
<b>Polyethylene, Black UV Resistant</b>				
1/8	602-SW-40-25	13.50	602-SW-40-100	18.32
1/4	602-SW-41-25	11.28	602-SW-41-100	37.24
3/8	602-SW-42-25	15.65	602-SW-42-100	52.11
1/2	602-SW-43-25	20.95	602-SW-43-100	68.77
<b>Nylon, Natural Color</b>				
1/4	602-SW-21-25	24.98	602-SW-21-100	82.37
3/8	602-SW-22-25	55.72	602-SW-22-100	177.85
1/2	602-SW-23-25	71.36	602-SW-23-100	234.54

## 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



Alpha Part No.	AWG No.	Nom I.D. (in.)	100 ft. Spool	
			MOUSER STOCK NO.	Price Per Spool
PIF-240-18	18	.040	602-PIF-240-18	21.78
PIF-240-16	16	.051	602-PIF-240-16	21.36
PIF-240-14	14	.064	602-PIF-240-14	24.05
PIF-240-12	12	.081	602-PIF-240-12	25.25
PIF-240-11	11	.091	602-PIF-240-11	25.70
PIF-240-10	10	.102	602-PIF-240-10	27.40
PIF-240-9	9	.114	602-PIF-240-9	28.54
PIF-240-8	8	.129	602-PIF-240-8	30.21
PIF-240-7	7	.144	602-PIF-240-7	33.49
PIF-240-6	6	.162	602-PIF-240-6	34.23
PIF-240-5	5	.186	602-PIF-240-5	38.08
PIF-240-4	4	.204	602-PIF-240-4	45.32
PIF-240-3	3	.229	602-PIF-240-3	47.19
PIF-240-2	2	.258	602-PIF-240-2	54.87
PIF-240-1	1	.289	602-PIF-240-1	59.89
PIF-240-0	0	.325	602-PIF-240-0	74.54
PIF-240-3/8	3/8	.375	602-PIF-240-3/8	95.56
PIF-240-7/16	7/16	.438	602-PIF-240-7/16	120.91
PIF-240-1/2A	1/2	.500	602-PIF-240-1/2A	157.37

## AlphaWire TFT-200 PTFE 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



Alpha Part No.	AWG No.	Nom I.D. (in.)	Wall Thickness	100 ft. Spool	
				MOUSER STOCK NO.	Price Per Spool
TFT-200-30	30	.010	.009	602-TFT-200-30-100	60.47
TFT-200-28	28	.013	.009	602-TFT-200-28-100	54.45
TFT-200-26	26	.016	.009	602-TFT-200-26-100	57.62
TFT-200-24	24	.020	.010	602-TFT200-24-100	58.93
TFT-200-22	22	.026	.010	602-TFT200-22-100	71.03
TFT-200-20	20	.032	.012	602-TFT20020-100	82.89
TFT-200-19	19	.036	.012	602-TFT-200-19-100	73.58
TFT-200-18	18	.040	.012	602-TFT20018-100	101.95
TFT-200-17	17	.045	.012	602-TFT-200-17-100	99.70
TFT-200-16	16	.051	.012	602-TFT-200-16-100	125.91
TFT-200-15	15	.057	.012	602-TFT20015-100	102.48
TFT-200-14	14	.064	.012	602-TFT200-14-100	103.16
TFT-200-13	13	.072	.012	602-TFT-200-13-100	100.21
TFT-200-12	12	.081	.012	602-TFT200-12-100	121.84
TFT-200-11	11	.091	.012	602-TFT20011-100	130.25
TFT-200-10	10	.102	.012	602-TFT20010-100	133.30

## 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



Alpha Part No.	AWG No.	Nom I.D. (in.)	100 ft. Spool	
			MOUSER STOCK NO.	Price Per Spool
PIF-200-10	10	.102	602-PIF-200-10	127.67
PIF-200-9	9	.114	602-PIF-200-9	140.93
PIF-200-8	8	.129	602-PIF-200-8	144.57
PIF-200-7	7	.144	602-PIF-200-7	153.12
PIF-200-6	6	.162	602-PIF-200-6	152.16
PIF-200-5	5	.182	602-PIF-200-5	179.50
PIF-200-4	4	.204	602-PIF-200-4	185.12
PIF-200-3	3	.229	602-PIF-200-3	209.15
PIF-200-2	2	.258	602-PIF-200-2	238.18
PIF-200-1	1	.289	602-PIF-200-1	291.72
PIF-200-0	0	.313	602-PIF-200-0	340.85
PIF-200-3/8	3/8	.375	602-PIF-200-3/8	446.64
PIF-200-7/16	7/16	.438	602-PIF-200-7/16	589.31
PIF-200-1/2A	1/2	.500	602-PIF-200-1/2A	688.06

## 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



Alpha Part No.	AWG No.	Nom I.D. (in.)	100 ft. Spool	
			MOUSER STOCK NO.	Price Per Spool
PIF-130-20	20	.032	602-PIF-130-20	32.29
PIF-130-18	18	.040	602-PIF-130-18	32.87
PIF-130-16	16	.051	602-PIF-130-16	34.79
PIF-130-14	14	.064	602-PIF-130-14	39.56
PIF-130-10	10	.102	602-PIF-130-10	43.30
PIF-130-8	8	.129	602-PIF-130-8	48.17
PIF-130-6	6	.162	602-PIF-130-6	57.02
PIF-130-4	4	.204	602-PIF-130-4	69.73
PIF-130-2	2	.258	602-PIF-130-2	81.70
PIF-130-0	0	.325	602-PIF-130-0	116.99
PIF-130-3/8	3/8	.375	602-PIF-130-3/8	143.96
PIF-130-7/16	7/16	.438	602-PIF-130-7/16	188.49
PIF-130-1/2A	1/2	.500	602-PIF-130-1/2A	239.45
PIF-130-5/8	5/8	.625	602-PIF-130-5/8	294.99
PIF-130-3/4	3/4	.750	602-PIF-130-3/4	368.32
PIF-130-7/8	7/8	.875	602-PIF-130-7/8	467.19
PIF-130-1 IN	1	1.000	602-PIF-130-1	563.82