

ALPHA WIRE Tubing/Sleeving



RoHS Compliant This product is RoHS compliant.

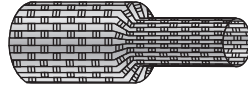
For quantities of 5 and up, call for quote.

Heat Shrinkable Woven Fabric Tubing



Specifications:

- Operating Temperature: -40°C to +125°C
- Shrink Ratio: Approx. 2 to 1 or 3 to 1 at 135°C depending on size
- Color: Black
- Meets MVSS 302 horizontal burn test
- Cuts with scissors



Shrink Ratio	Expanded ID Min (in.)	SMALL SPOOL			LARGE SPOOL		
		Reel Lth. (ft.)	MOUSER STOCK NO.	Price Per Reel	Reel Lth. (ft.)	MOUSER STOCK NO.	Price Per Reel
2 to 1	.47	50	602-FITFAB-1	109.15	200	602-FITFAB-1-200	318.30
2 to 1	.79	50	602-FITFAB-2	137.84	200	602-FITFAB-2-200	377.79
2 to 1	1.18	50	602-FITFAB-3	163.75	200	602-FITFAB-3-200	479.20
2 to 1	1.57	50	602-FITFAB-4	203.39	200	602-FITFAB-4-200	577.73
2 to 1	1.97	25	602-FITFAB-5	124.95	100	602-FITFAB-5-100	354.86
2 to 1	2.36	25	602-FITFAB-6	135.87	100	602-FITFAB-6-100	386.68
2 to 1	2.76	25	602-FITFAB-7	184.83	100	602-FITFAB-7-100	527.23
3 to 1	2.36	--	-----	---	100	602-FITFAB-10-100	363.94

AlphaWire ZIP-GRP EXPANDABLE POLYESTER WEBBED SLEEVING

With its Velcro-Type enclosure, wires, cable assemblies and wire harnesses are always accessible and can be easily opened for any number of breakouts.



To prevent fraying of ends, ZIP-GRP should be cut/sealed with a hot knife.

Features:

- Unlimited Breakouts
- Abrasion, Cut-Through Resistance
- Oil and Solvent Resistance
- Superb Flexibility and High Tensile Strength

Specifications:

- Operating Temperature: -70°C to 125°C
- Color: Black

Size	Rec. I.D. (in.)	Exp. I.D. Min. (in.)	25' Spool		50' Spool	
			MOUSER STOCK NO.	Price Per Spool	MOUSER STOCK NO.	Price Per Spool
7/8	.750	1.000	602-ZGRP7/8-25B	184.45	602-ZGRP7/8-50B	303.20
1 1/2	1.000	2.000	602-ZGRP11/2-25B	200.27	602-ZGRP11/2-50B	334.05
2	1.500	2.125	602-ZGRP2-25B	223.81	602-ZGRP2-50B	414.98

Tubing

AlphaWire GRP-120 EXPANDABLE BRAIDED POLYESTER SLEEVING



GRP-120 should be cut/sealed with a hot knife to prevent fraying of the ends. GRP-120NF cuts with ordinary scissors without fraying. Does not require a hot knife when cutting.

Typical application for protection of wire, cable, and hoses. Cable not included.

By the Spool

Size	Rec I.D. (in.)	Exp I.D. Min (in.)	MOUSER STOCK NO.	Spool Lth (ft.)	Price Per Spool
GRP-120 Expandable Braided Polyester Sleeving					
1/8	.093	.250	602-120018-100B	100	64.08
1/4	.125	.437	602-120014-100B	100	92.31
1/2	.250	.750	602-120012-100B	100	164.71
3/4	.500	1.250	602-120034-100B	100	245.79
1 1/4	.750	1.750	602-120114-50B	50	160.91
GRP-120NF Non-Fraying Expandable Braid Sleeving					
1/8	.093	.250	602-120018NF-100B	100	89.77
1/4	.125	.440	602-120014NF-100B	100	128.15
1/2	.250	.750	602-120012NF-100B	100	227.88
3/4	.500	1.250	602-120034NF-100B	100	340.37
1 1/4	.750	1.750	602-1200114NF-50B	50	222.72

Specifications:

- Operating Temperature: -70°C to +125°C
- GRP-120/ GRP 120NF passes UL VW-1 flame test
- Color: Black



Alpha Wire

AlphaWire TUBULAR BRAID

Each strand soft drawn Tinned Plated Copper Braid Wire meets Federal Specifications. QQ-W-343D types and ASTM-B-33. Shield Coverage: 95%+ when placed over mandrel of equivalent diameter to that of braid interior.



100' Spool

For quantities of 50 and up, call for quote.

Nominal Round Width (in.)	Braid Construction			Approx AWG Equiv.	Nominal Circular Mil Area CM	Current Carrying Capacity (Amps)	MOUSER STOCK NO.	Price Per 100'			
	AWG of Indiv. Ends	Carrier	Total No. of Indiv. Ends					1	5	10	25
1/16	36	24	48	19	1200	11	602-2162-100	85.83	77.85	74.14	70.61
1/8	36	24	120	15	3000	25	602-2166-100	135.65	123.04	117.18	111.60
11/64	36	24	168	14	4200	32	602-2168-100	172.35	156.32	148.88	141.79
1/4	36	24	384	10	9600	53	602-2171-100	324.10	293.97	279.97	266.64
3/8	36	48	384	10	9600	53	602-2172-100	333.86	302.82	288.40	274.67
1/2	36	48	528	9	13200	62	602-2174-100	457.60	415.06	395.29	376.48
21/32	30	48	768	1	77180	190	602-2175/1-100	1293.93	1173.63	1117.75	1064.52
25/32	36	48	864	7	21600	88	602-2176-100	618.92	561.36	534.64	509.19

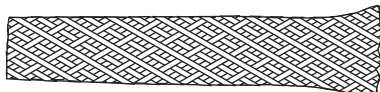
AlphaWire TINNED COPPER FLAT BRAID

Woven Tinned Copper Braid rolled to specific width. Each strand meets requirements of Federal Specifications QQ-W-343E type S & ASTM-B-33. Current carrying capacity shown is for bare cable in free air at 30°C & intended as a reference guide only. Actual values will depend on permissible temperature rise, voltage drop, & other conditions of use.



Features:

- High current carrying ability
- High flexibility
- Meets QQ-W-343E
- Suitable for bonding and grounding applications



Per 100' Spool

For quantities of 50 and up, call for quote.

Nom Flat Width (in.)	AWG Equiv.	Nom. Thick (In.)	No. of Strands	Current Amps	MOUSER STOCK NO.	Price Per 100'			
						1	5	10	25
1/8	18	.020	72	16	602-1229-100	50.16	45.62	41.80	37.79
3/16	15	.020	120	25	602-1230-100	54.49	49.61	45.46	41.07
1/4	14	.030	168	32	602-1231-100	74.09	67.47	61.90	55.96
3/8	12	.030	288	46	602-1232-100	118.69	107.88	99.01	89.58
1/2	10	.030	384	53	602-1233/2-100	150.46	136.86	125.37	113.49
5/8	10	.030	384	53	602-1233-100	159.39	144.92	132.89	120.16
3/4	7	.040	832	85	602-1234-100	358.22	325.63	298.43	270.01
1	7	.045	832	85	602-1235-100	383.40	348.53	319.59	289.08

