

ALPHA WIRE Braid, Tubing and Sleeving

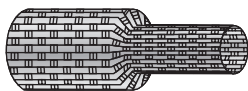


HEAT SHRINKABLE WOVEN FABRIC TUBING

RoHS Compliant This product is RoHS compliant.

Specifications:

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



RoHS Compliant

For quantities greater than listed, call for quote.

Shrink Ratio	Expanded ID Min (in.)	Small Spools			Large Spools		
		MOUSER STOCK NO.	Spool Length (ft.)	Price Per Spool	MOUSER STOCK NO.	Spool Length (ft.)	Price Per Spool
2 to 1	.47	602-FITFAB-1	50	114.06	602-FITFAB-1-200	200	338.06
2 to 1	.79	602-FITFAB-2	50	136.22	602-FITFAB-2-200	200	401.26
2 to 1	1.18	602-FITFAB-3	50	169.22	602-FITFAB-3-200	200	489.02
2 to 1	1.57	602-FITFAB-4	50	200.00	-----	---	---
2 to 1	1.97	602-FITFAB-5	25	122.87	602-FITFAB-5-100	100	348.96
2 to 1	2.36	602-FITFAB-6	25	133.62	602-FITFAB-6-100	100	380.25
2 to 1	2.76	602-FITFAB-7	25	182.63	602-FITFAB-7-100	100	452.64



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



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Size	Rec. I.D. (in.)	Exp. I.D. Min. (in.)	25 ft. Spools		50 ft. Spools	
			MOUSER STOCK NO.	Price Per Spool	MOUSER STOCK NO.	Price Per Spool
7/8	.750	1.000	602-ZGRP7/8-25B	189.99	602-ZGRP7/8-50B	321.65
1 1/2	1.000	2.000	602-ZGRP1 1/2-25B	212.45	602-ZGRP1 1/2-50B	354.38
2	1.500	2.125	602-ZGRP2-25B	237.43	602-ZGRP2-50B	440.23



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.

Specifications:

- Operating Temperature: -75°C to +125°C
- GRP-120/GRP 120NF passes UL VW-1 flame test
- Color: Black



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



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Size	Rec. I.D. (in.)	Exp. I.D. Min. (in.)	By the Spool		
			MOUSER STOCK NO.	Spool Length (ft.)	Price Per Spool
GRP-120 Expandable Braided Polyester Sleeving					
1/8	.093	.250	602-120018-100B	100	56.89
1/4	.125	.437	602-120014-100B	100	96.63
1/2	.250	.750	602-120012-100B	100	164.71
3/4	.500	1.250	602-120034-100B	100	253.15
1 1/4	.750	1.750	602-120114-50B	50	165.74
GRP-120NF Non-Fraying Expandable Braid Sleeving					
1/8	.093	.250	602-120018NF-100B	100	92.32
1/4	.125	.440	602-120014NF-100B	100	134.13
1/2	.250	.750	602-120012NF-100B	100	241.76
3/4	.500	1.250	602-120034NF-100B	100	361.08
1 1/4	.750	1.750	602-1200114NF-50B	50	229.02



TUBULAR BRAID

Each strand soft drawn Tinned Plated Copper Braid Wire meets Federal Specifications. A-A-59569A types and ASTM-B-33. Shield Coverage: 95%+ when placed over mandrel of equivalent diameter to that of braid interior.



RoHS Compliant

For quantities greater than listed, call for quote.

Nominal Round Width (in.)	Braid Construction			Approximate AWG Equiv.	Nominal Circular Mil Area CM	Current Carrying Capacity (Amps)	100 ft. Spools				
	AWG of Individual Ends	Carrier	Total No. of Individual Ends				MOUSER STOCK NO.	Price Per Spool			
								1	5	10	25
1/16	36	24	48	19	1200	11	602-2162-100	162.71	157.09	135.99	126.54
1/8	36	24	120	15	3000	25	602-2166-100	216.43	208.97	191.94	180.90
11/64	36	24	168	14	4200	32	602-2168-100	275.01	265.53	243.89	229.86
1/4	36	24	384	10	9600	53	602-2171-100	517.16	487.43	458.65	432.26
3/8	36	48	384	10	9600	53	602-2172-100	532.74	514.37	472.47	445.27
1/2	36	48	528	9	13200	62	602-2174-100	876.24	846.02	791.43	732.36
21/32	30	48	768	1	77180	190	602-2175/1-100	1917.72	1773.75	1434.81	1279.30
25/32	36	48	864	7	21600	88	602-2176-100	928.28	889.22	820.48	776.13

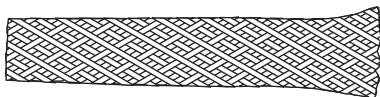


TINNED COPPER FLAT BRAID

Woven Tinned Copper Braid rolled to specific width. Each strand meets requirements of Federal Specifications A-A-59569A 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 A-A-59569A
- Suitable for bonding and grounding applications



For quantities greater than listed, call for quote.

Nom Flat Width (in.)	AWG Equiv.	Nom. Thick (in.)	No. of Strands	Current Amps	100 ft. Spools				
					MOUSER STOCK NO.	Price Per Spool			
						1	5	10	25
1/8	18	.020	72	16	602-1229-100	120.54	116.39	107.10	100.75
3/16	15	.020	120	25	602-1230-100	131.84	127.29	117.12	95.88
1/4	14	.030	168	32	602-1231-100	181.40	172.01	158.25	143.86
3/8	12	.030	288	46	602-1232-100	272.76	238.57	212.14	186.28
1/2	10	.030	384	53	602-1233/2-100	360.56	348.13	320.28	301.36
5/8	10	.030	384	53	602-1233-100	365.24	352.64	324.45	305.27
3/4	7	.040	864	85	602-1234-100	858.13	828.54	762.25	717.25
1	7	.045	864	85	602-1235-100	1101.53	1063.54	994.93	920.69