

Composite Tubing Price Sheet

* Manufactured in the USA

G10 Convolute Fiberglass Tubing

Our G10 Fiberglass tubing is manufactured from premium woven fiberglass cloth and epoxy. The process uses an inline winder that wraps many layers of cloth and epoxy with heat and pressure. Product is then placed in an oven for cure and post cure.
Color: Natural Green
Finish: Centerless Ground / Smooth

G12 Filament Wound Rocket Tubing

Our G12 Fiberglass rocket tubing is manufactured from premium fiberglass roving and epoxy. The process uses a state of the art filament winder that is fully automated and computer driven. Each tube size is engineered to offer the highest linear strength for use in rocketry. All airframes are constructed with many layers of different wind angles from 30 Deg to 45 Deg. Product is then placed in an oven for cure and post cure.
Color: Natural Green Options Red / Blue / White / Yellow by special order
Finish: Centerless Ground / Smooth

G12 Filament Wound Profusion Tubing

Our G12 Fiberglass rocket tubing is manufactured from premium fiberglass roving and graphite infused epoxy. The process uses a state of the art filament winder that is fully automated and computer driven. Each tube size is engineered to offer the highest linear strength for use in rocketry. All airframes are constructed with many layers of different wind angles from 20 Deg to 45 Deg. Product is then placed in an oven for cure and post cure.
Color: Graphite Black
Finish: Centerless Ground / Smooth

Carbon Fiber Filament Wound Tubing

Our Carbon Fiber tubing is manufactured from premium carbon fiber tow and epoxy. The process uses a state of the art filament winder that is fully automated and computer driven. Each tube size is engineered to offer the highest linear strength for use in rocketry. All airframes are constructed with many layers of different wind angles from 20 Deg to 45 Deg. Product is then placed in an oven for cure and post cure.
Color: Carbon Fiber Black
Finish: Centerless Ground / Smooth

G12 Rocket Airframe Sizing and Pricing

ID	OD	Description	48 Inch	60 Inch	Per FT
0.945	1.045	24mm Airframe *	N/A	N/A	\$9.00
1.145	1.255	29mm Airframe	\$39.60	\$48.40	\$11.00
1.520	1.645	38mm Airframe	\$48.40	\$59.40	\$13.20
2.152	2.277	54mm Airframe	\$52.80	\$66.00	\$15.40
2.560	2.685	2.5 Inch Airframe	\$61.60	\$70.40	\$16.50
3.000	3.125	3 Inch Airframe	\$74.80	\$92.40	\$19.80
3.400	3.525	3.5 Inch Airframe	\$79.20	N/A	\$20.90
3.900	4.025	4 Inch Airframe	\$88.00	\$105.60	\$23.10
3.900	4.150	4 Inch Airframe Thick	\$107.80	\$132.00	\$33.00
4.000	4.125	4.1 Inch Airframe	\$83.60	N/A	\$22.00
4.375	4.500	4.5 Inch Airframe	\$105.60	\$129.80	\$27.50
5.000	5.150	5 Inch Airframe	\$132.00	\$154.00	\$35.20
5.375	5.525	5.5 Inch Airframe	\$143.00	\$169.40	\$37.40
6.000	6.170	6 Inch Airframe	\$169.40	\$206.80	\$44.00
6.040	6.210	6 Inch Airframe	\$169.40	\$206.80	\$44.00
6.810	7.000	7 Inch Airframe	\$180.40	N/A	N/A
7.518	7.708	7.5 Inch Airframe	\$228.80	\$272.80	\$61.60
7.815	8.005	8 Inch Airframe	\$255.20	\$308.00	\$66.00
8.000	8.250	8.25 Inch Airframe	\$255.20	\$308.00	\$66.00

G12 Coupler Sizing and Pricing

0.750	0.943	24mm Coupler	4 Inch		\$6.60
1.000	1.143	29mm Coupler	4 Inch		\$6.60
1.370	1.518	38mm Coupler	4 Inch		\$7.70
2.000	2.150	54mm Coupler	6 Inch		\$11.00
2.000	2.150	54mm Coupler	8 Inch	Long	\$14.30
2.375	2.558	2.5 Inch Coupler	6 Inch		\$13.20
2.875	2.998	3 Inch Coupler	6 Inch		\$15.40
2.875	2.998	3 Inch Coupler	9 Inch	Long	\$22.00
3.250	3.398	3.5 Inch Coupler	8 Inch		\$17.60
3.755	3.398	4 Inch Coupler	9 Inch		\$22.00
3.755	3.398	4 Inch Coupler	12 Inch	Long	\$30.80
3.900	3.998	4.1 Inch Coupler	9 Inch		\$24.20
4.250	4.373	4.5 Inch Coupler	9 Inch		\$30.80
4.815	4.998	5 Inch Coupler	10 Inch		\$44.00
4.815	4.998	5 Inch Coupler	12 Inch	Long	\$49.50
5.180	5.373	5.5 Inch Coupler	12 Inch		\$49.50
5.775	5.998	6 Inch Coupler	12 Inch		\$60.50
5.775	5.998	6 Inch Coupler	18 Inch	Long	\$82.50
6.500	6.808	7 Inch Coupler	16 Inch		\$60.50
7.330	7.516	7.5 Inch Coupler	16 Inch		\$93.50
7.518	7.813	8 Inch Coupler	16 Inch		\$104.50
7.815	7.998	8.25 Inch Coupler	16 Inch		\$99.00

G12 Profusion Airframe Sizing and Pricing

ID	OD	Description	48 Inch	60 Inch
0.945	1.045	24mm Airframe *	N/A	N/A
1.145	1.255	29mm Airframe	\$45.15	\$54.60
1.520	1.645	38mm Airframe	\$54.60	\$67.20
2.152	2.277	54mm Airframe	\$59.85	\$75.60
2.560	2.685	2.5 Inch Airframe	\$70.35	\$79.80
3.000	3.125	3 Inch Airframe	\$86.10	\$105.00
3.400	3.525	3.5 Inch Airframe	\$90.30	N/A
3.900	4.025	4 Inch Airframe	\$95.55	\$117.60
3.900	4.150	4 Inch Airframe Thick	\$123.90	\$151.20
4.000	4.125	4.1 Inch Airframe	\$96.60	N/A
4.375	4.500	4.5 Inch Airframe	\$120.75	\$149.10
5.000	5.150	5 Inch Airframe	\$136.50	\$163.80
5.375	5.525	5.5 Inch Airframe	\$147.00	\$178.50
6.000	6.170	6 Inch Airframe	\$182.70	\$224.70
6.040	6.210	6 Inch Airframe	\$182.70	\$228.90
6.810	7.000	7 Inch Airframe	\$205.80	N/A
7.518	7.708	7.5 Inch Airframe	\$247.80	\$298.20
7.815	8.005	8 Inch Airframe	\$281.40	\$327.60
8.000	8.250	8.25 Inch Airframe	\$281.40	\$327.60

G12 Profusion Coupler Sizing and Pricing

0.750	0.943	24mm Coupler	4 Inch		\$8.40
1.000	1.143	29mm Coupler	4 Inch		\$8.40
1.370	1.518	38mm Coupler	4 Inch		\$9.45
2.000	2.150	54mm Coupler	6 Inch		\$12.60
2.000	2.150	54mm Coupler	8 Inch	Long	\$15.75
2.375	2.558	2.5 Inch Coupler	6 Inch		\$14.70
2.875	2.998	3 Inch Coupler	6 Inch		\$16.80
2.875	2.998	3 Inch Coupler	9 Inch	Long	\$23.10
3.250	3.398	3.5 Inch Coupler	8 Inch		\$18.90
3.755	3.398	4 Inch Coupler	9 Inch		\$25.20
3.755	3.398	4 Inch Coupler	12 Inch	Long	\$33.60
3.900	3.998	4.1 Inch Coupler	9 Inch		\$27.30
4.250	4.373	4.5 Inch Coupler	9 Inch		\$33.60
4.815	4.998	5 Inch Coupler	10 Inch		\$47.25
4.815	4.998	5 Inch Coupler	12 Inch	Long	\$52.50
5.180	5.373	5.5 Inch Coupler	12 Inch		\$57.75
5.775	5.998	6 Inch Coupler	12 Inch		\$68.25
5.775	5.998	6 Inch Coupler	18 Inch	Long	\$90.30
6.500	6.808	7 Inch Coupler	16 Inch		\$68.25
7.330	7.516	7.5 Inch Coupler	16 Inch		\$105.00
7.518	7.813	8 Inch Coupler	16 Inch		\$120.75
7.815	7.998	8.25 Inch Coupler	16 Inch		\$110.25

Standard G10 Airframe Sizing and Pricing

ID	OD	Description	44 Inch *	48 Inch	54 Inch *
1.145	1.255	29mm Airframe	\$39.60	\$46.20	N/A
1.520	1.645	38mm Airframe	\$46.20	\$57.20	N/A
2.152	2.277	54mm Airframe	\$59.40	\$70.40	\$74.80
2.560	2.685	2.5 Inch Airframe	\$64.90	\$74.80	\$81.40
3.000	3.125	3 Inch Airframe	\$70.40	\$79.20	\$85.80
3.400	3.525	3.5 Inch Airframe	\$77.00	\$85.80	\$92.40
3.900	4.025	4 Inch Airframe	\$88.00	\$101.20	\$105.60
3.900	4.150	4 Inch Airframe Thick	\$121.00	\$154.00	\$170.50
4.000	4.125	4.1 Inch Airframe	\$90.20	\$103.40	\$107.80
4.375	4.500	4.5 Inch Airframe	\$101.20	\$118.80	\$125.40
5.000	5.150	5 Inch Airframe	\$121.00	\$136.40	\$145.20
5.375	5.525	5.5 Inch Airframe	\$129.80	\$154.00	\$162.80
6.000	6.170	6 Inch Airframe	\$158.40	\$184.80	\$189.20
6.040	6.210	6 Inch Airframe	\$158.40	\$184.80	\$189.20
6.810	7.000	7 Inch Airframe	\$167.20	\$195.80	N/A
7.518	7.708	7.5 Inch Airframe	\$195.80	\$217.80	\$233.20
7.815	8.005	8 Inch Airframe	\$204.60	\$266.20	\$294.80
8.000	8.250	8.25 Inch Airframe	\$204.60	\$266.20	\$294.80
9.000	9.250	9 Inch Airframe	\$264.00	\$308.00	N/A
11.420	11.670	11.5 Inch Airframe	CALL	CALL	CALL

* Check for availability

G10 Coupler Sizing and Pricing

ID	OD	Description	Length	Price
1.000	1.143	29mm Coupler	4 Inch	\$6.60
1.370	1.518	38mm Coupler	4 Inch	\$7.70
2.000	2.150	54mm Coupler	6 Inch	\$11.00
2.000	2.150	54mm Coupler	8 Inch	Long \$14.30
2.375	2.558	2.5 Inch Coupler	6 Inch	\$13.20
2.875	2.998	3 Inch Coupler	6 Inch	\$15.40
2.875	2.998	3 Inch Coupler	9 Inch	Long \$22.00
3.250	3.398	3.5 Inch Coupler	8 Inch	\$17.60
3.755	3.398	4 Inch Coupler	9 Inch	\$22.00
3.755	3.398	4 Inch Coupler	12 Inch	Long \$30.80
3.900	3.998	4.1 Inch Coupler	9 Inch	\$24.20
4.250	4.373	4.5 Inch Coupler	9 Inch	\$30.80
4.815	4.998	5 Inch Coupler	10 Inch	\$44.00
4.815	4.998	5 Inch Coupler	12 Inch	Long \$49.50
5.180	5.373	5.5 Inch Coupler	12 Inch	\$49.50
5.775	5.998	6 Inch Coupler	12 Inch	\$60.50
5.775	5.998	6 Inch Coupler	18 Inch	Long \$82.50
6.500	6.808	7 Inch Coupler	16 Inch	\$60.50
7.330	7.516	7.5 Inch Coupler	16 Inch	\$93.50
7.518	7.813	8 Inch Coupler	16 Inch	\$104.50
7.815	7.998	8.25 Inch Coupler	16 Inch	\$99.00
8.750	8.998	9 Inch Coupler	16 Inch	\$132.00
11.150	11.415	11.5 Inch Coupler	24 Inch	CALL

Carbon Fiber FW Airframe Sizing and Pricing

ID	OD	Description	24 Inch	48 Inch	60 Inch
0.945	1.045	24mm Airframe *	32 Inch	\$56.00	
1.145	1.255	29mm Airframe	\$50.60	\$101.20	\$126.50
1.520	1.645	38mm Airframe	\$59.80	\$119.60	\$149.50
2.152	2.277	54mm Airframe	\$73.60	\$147.20	\$184.00
3.000	3.125	3 Inch Airframe	\$87.40	\$174.80	\$218.50
3.900	4.025	4 Inch Airframe	\$110.40	\$220.80	\$276.00
4.000	4.125	4.1 Inch Airframe		\$220.80	\$276.00
4.375	4.500	4.5 Inch Airframe		\$276.00	\$345.00
5.000	5.150	5 Inch Airframe		\$303.60	\$379.50
5.375	5.525	5.5 Inch Airframe		\$358.80	\$448.50
6.000	6.170	6 Inch Airframe		\$404.80	\$506.00
6.040	6.210	6 Inch Airframe		\$404.80	\$506.00
7.518	7.708	7.5 Inch Airframe		\$552.00	\$690.00
7.815	8.005	8 Inch Airframe		\$625.60	\$782.00
8.000	8.250	8.25 Inch Airframe		\$644.00	\$805.00

Carbon Fiber FW Coupler Sizing and Pricing

0.750	0.943	24mm Coupler	4 Inch		\$13.80
1.000	1.143	29mm Coupler	4 Inch		\$16.10
1.370	1.518	38mm Coupler	4 Inch		\$18.40
2.000	2.150	54mm Coupler	6 Inch		\$23.00
2.000	2.150	54mm Coupler	8 Inch	Long	\$28.75
2.875	2.998	3 Inch Coupler	6 Inch		\$28.75
2.875	2.998	3 Inch Coupler	9 Inch	Long	\$37.95
3.755	3.898	4 Inch Coupler	9 Inch		\$46.00
3.755	3.898	4 Inch Coupler	12 Inch	Long	\$59.80
3.900	3.998	4.1 Inch Coupler	9 Inch		\$48.30
4.250	4.373	4.5 Inch Coupler	9 Inch		\$63.25
4.815	4.998	5 Inch Coupler	12 Inch		\$78.20
5.180	5.373	5.5 Inch Coupler	12 Inch		\$92.00
5.775	5.998	6 Inch Coupler	12 Inch		\$109.25
5.775	5.998	6 Inch Coupler	18 Inch	Long	\$161.00
7.330	7.516	7.5 Inch Coupler	16 Inch		\$184.00
7.518	7.813	8 Inch Coupler	16 Inch		\$189.75
7.815	7.998	8.25 Inch Coupler	16 Inch		\$189.75