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Our customers often use round fiberglass rods as structural support, framing, and fabric reinforcement. Perhaps you're making antennas, flags, tarp containment, or boat covers. The opportunities are endless! Also known as glass fiber rods, solid fiberglass rods are available in black or white, are inexpensive, non-conductive, and extremely durable. We stock solid round fiberglass rod sizes from .062" to .750" in diameter and up to 12 feet long for custom cut orders. All lengths listed below are +/- 0.25" and all diameters listed are +/- 0.005".






We can accommodate large orders and custom cutting – please contact us at 206-759-7241 or info@goodwinds.com to speak with a composites engineer.

Click on the product number to view product details, product pictures, related products, and more!

Metric**SAE****Fraction to Decimal Conversions:**

CATALOG



Product #	Name	O.D.	Length	Color	Weight	Each	6+	12+	24+	48+	144+
FSW062036	.062" x 36" White Solid Fiberglass	0.062"	36"		0.130 oz	\$2.19	\$2.04	\$1.90	\$1.77	\$1.65	\$1.57
FSB062048	.062" x 48" Black Solid Fiberglass	0.062"	48"		0.173 oz	\$2.83	\$2.63	\$2.50	\$2.35	\$2.21	\$2.07
FSW062048	.062" x 48" White Solid Fiberglass	0.062"	48"		0.173 oz	\$2.83	\$2.63	\$2.50	\$2.35	\$2.21	\$2.07
FSB062072	.062" x 72" Black Solid Fiberglass - Temporarily Out of Stock	0.062"	72"		0.258 oz	\$4.34	\$4.06	\$3.78	\$3.49	\$3.26	\$3.13
FSW062072	.062" x 72" White Solid Fiberglass	0.062"	72"		0.258 oz	\$4.34	\$4.06	\$3.78	\$3.49	\$3.26	\$3.13



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#											
FSB080036	.080" x 36" Black Solid Fiberglass	0.080"	36"	<input type="checkbox"/>	0.208 oz	\$2.37	\$2.19	\$2.05	\$1.91	\$1.78	\$1.69

Product #	Name	O.D.	Length	Color	Weight	Each	6+	12+	24+	48+	144+
FSW080036	.080" x 36" White Solid Fiberglass	0.080"	36"	<input type="checkbox"/>	0.208 oz	\$2.37	\$2.19	\$2.05	\$1.91	\$1.78	\$1.69

Product #	Name	O.D.	Length	Color	Weight	Each	6+	12+	24+	48+	144+
FSB080048	.080" x 48" Black Solid Fiberglass	0.080"	48"	<input type="checkbox"/>	0.278 oz	\$3.20	\$2.91	\$2.70	\$2.55	\$2.41	\$2.27

Product #	Name	O.D.	Length	Color	Weight	Each	6+	12+	24+	48+	144+
FSW080048	.080" x 48" White Solid Fiberglass	0.080"	48"	<input type="checkbox"/>	0.278 oz	\$3.20	\$2.91	\$2.70	\$2.55	\$2.41	\$2.27

Product #	Name	O.D.	Length	Color	Weight	Each	6+	12+	24+	48+	144+
FSB080072	.080" x 72" Black Solid Fiberglass	0.080"	72"	<input type="checkbox"/>	0.418 oz	\$4.70	\$4.34	\$4.06	\$3.78	\$3.54	\$3.35

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Product #	Name	O.D.	Length	Color	Weight	Each	6+	12+	24+	48+	144+
FSB098036	.098" x 36" Black Solid Fiberglass	0.098"	36"		0.328 oz	\$2.37	\$2.19	\$2.05	\$1.91	\$1.78	\$1.69

Product #	Name	O.D.	Length	Color	Weight	Each	6+	12+	24+	48+	144+
FSW098036	.098" x 36" White Solid Fiberglass	0.098"	36"		0.328 oz	\$2.37	\$2.19	\$2.05	\$1.91	\$1.78	\$1.69

Product #	Name	O.D.	Length	Color	Weight	Each	6+	12+	24+	48+	144+
FSB098048	.098" x 48" Black Solid Fiberglass	0.098"	48"		0.437 oz	\$3.20	\$2.91	\$2.70	\$2.55	\$2.41	\$2.27

Product #	Name	O.D.	Length	Color	Weight	Each	6+	12+	24+	48+	144+
FSW098048	.098" x 48" White Solid Fiberglass	0.098"	48"		0.437 oz	\$3.20	\$2.91	\$2.70	\$2.55	\$2.41	\$2.27


Product #	Name	O.D.	Length	Color	Weight	Each	6+	12+	24+	48+	144+
FSB098072	.098" x 72" Black Solid Fiberglass	0.098"	72"		0.654 oz	\$4.55	\$4.34	\$4.06	\$3.78	\$3.54	\$3.35


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Product #	Name	O.D.	Length	Color	Weight	Each	6+	12+	24+	48+	144+
FSB12 5036	.125" x 36" Black Solid Fiberglass	0.125"	36"		0.506 oz	\$2.55	\$2.34	\$2.18	\$2.04	\$1.90	\$1.78

Product #	Name	O.D.	Length	Color	Weight	Each	6+	12+	24+	48+	144+
FSW12 5036	.125" x 36" White Solid Fiberglass	0.125"	36"		0.506 oz	\$2.55	\$2.34	\$2.18	\$2.04	\$1.90	\$1.78

Product #	Name	O.D.	Length	Color	Weight	Each	6+	12+	24+	48+	144+
FSB12 5048	.125" x 48" Black Solid Fiberglass	0.125"	48"		0.699 oz	\$3.41	\$3.20	\$2.97	\$2.78	\$2.55	\$2.41

Product #	Name	O.D.	Length	Color	Weight	Each	6+	12+	24+	48+	144+
FSW12 5048	.125" x 48" White Solid Fiberglass	0.125"	48"		0.699 oz	\$3.41	\$3.20	\$2.97	\$2.78	\$2.55	\$2.41

Product #	Name	O.D.	Length	Color	Weight	Each	6+	12+	24+	48+	144+
FSB12 5072	.125" x 72" Black Solid Fiberglass	0.125"	72"		1.032 oz	\$5.06	\$4.63	\$4.34	\$4.06	\$3.78	\$3.54



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Product #	Name	O.D.	Length	Color	Weight	Each	6+	12+	24+	48+	144+
FSB15 6036	.156" x 36" Black Solid Fiberglass	0.156"	36"		0.866 oz	\$2.77	\$2.56	\$2.37	\$2.23	\$2.07	\$1.97

Product #	Name	O.D.	Length	Color	Weight	Each	6+	12+	24+	48+	144+
FSW15 6036	.156" x 36" White Solid Fiberglass	0.156"	36"		0.866 oz	\$2.77	\$2.56	\$2.37	\$2.23	\$2.07	\$1.97






Product #	Name	O.D.	Length	Color	Weight	Each	6+	12+	24+	48+	144+
FSB15 6048	.156" x 48" Black Solid Fiberglass	0.156"	48"		1.154 oz	\$3.69	\$3.41	\$3.20	\$2.97	\$2.78	\$2.63

Product #	Name	O.D.	Length	Color	Weight	Each	6+	12+	24+	48+	144+
FSW15 6048	.156" x 48" White Solid Fiberglass	0.156"	48"		1.154 oz	\$3.69	\$3.41	\$3.20	\$2.97	\$2.78	\$2.63

Product #	Name	O.D.	Length	Color	Weight	Each	6+	12+	24+	48+	144+
FSB15 6072	.156" x 72" Black Solid Fiberglass	0.156"	72"		1.534 oz	\$5.49	\$5.06	\$4.70	\$4.40	\$4.11	\$3.92

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Product #	Name	O.D.	Length	Color	Weight	Each	6+	12+	24+	48+	144+
FSB18 7048	.187" x 48" Black Solid Fiberglass	0.187"	48"		1.426 OZ	\$3.69	\$3.41	\$3.20	\$2.97	\$2.78	\$2.63
FSW18 7048	.187" x 48" White Solid Fiberglass	0.187"	48"		1.426 OZ	\$3.69	\$3.41	\$3.20	\$2.97	\$2.78	\$2.63
FSB18 7072	.187" x 72" Black Solid Fiberglass - Temporarily Out of Stock	0.187"	72"		2.144 OZ	\$5.63	\$5.19	\$4.83	\$4.54	\$4.26	\$4.06
FSW18 7072	.187" x 72" White Solid Fiberglass	0.187"	72"		2.144 OZ	\$5.63	\$5.19	\$4.83	\$4.54	\$4.26	\$4.06
FSB25 0048	.250" x 48" Black Solid Fiberglass	0.250"	48"		2.784 OZ	\$3.82	\$3.63	\$3.41	\$3.13	\$2.97	\$2.83




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#	.250" x	0.250"	48"	<input type="checkbox"/>	2.784	\$3.82	\$3.63	\$3.41	\$3.13	\$2.97	\$2.83
FSW2 50048	48" White				oz						
	Solid										
	Fiberglass										

Product #	Name	O.D.	Length	Color	Weight	Each	6+	12+	24+	48+	144+
FSB25 0072	.250" x	0.250"	72"		4.194	\$5.77	\$5.35	\$4.97	\$4.68	\$4.40	\$4.21
	72" Black				oz						
	Solid										
	Fiberglass										






Product #	Name	O.D.	Length	Color	Weight	Each	6+	12+	24+	48+	144+
FSW2 50072	.250" x	0.250"	72"		4.194	\$5.77	\$5.35	\$4.97	\$4.68	\$4.40	\$4.21
	72" White				oz						
	Solid										
	Fiberglass										

Product #	Name	O.D.	Length	Color	Weight	Each	6+	12+	24+	48+	144+
FSB31 2048	.312" x	0.312"	48"		4.197	\$5.06	\$4.63	\$4.34	\$4.06	\$3.78	\$3.54
	48" Black				oz						
	Solid										
	Fiberglass										

Product #	Name	O.D.	Length	Color	Weight	Each	6+	12+	24+	48+	144+
FSW31 2048	.312" x	0.312"	48"		4.197	\$5.06	\$4.63	\$4.34	\$4.06	\$3.78	\$3.54
	48" White				oz						
	Solid										
	Fiberglass										

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Product #	Name	O.D.	Length	Color	Weight	Each	6+	12+	24+	48+	144+
FSW312072	.312" x 72" White Solid Fiberglass	0.312"	72"		6.238 OZ	\$7.48	\$6.90	\$6.40	\$5.97	\$5.63	\$5.25
FSB375048	.375" x 48" Black Solid Fiberglass	0.375"	48"		5.824 OZ	\$7.06	\$6.49	\$6.05	\$5.63	\$5.26	\$4.97
FSW375048	.375" x 48" White Solid Fiberglass	0.375"	48"		5.824 OZ	\$7.06	\$6.49	\$6.05	\$5.63	\$5.26	\$4.97
FSB375072	.375" x 72" Black Solid Fiberglass	0.375"	72"		8.778 OZ	\$10.53	\$9.76	\$9.05	\$8.48	\$7.91	\$7.48
FSW375072	.375" x 72" White Solid Fiberglass	0.375"	72"		8.778 OZ	\$10.53	\$9.76	\$9.05	\$8.48	\$7.91	\$7.48



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Product #	Name	O.D.	Length	Color	Weight	Each	6+	12+	24+	48+	144+
FSW500048	.500" x 48" White Solid Fiberglass	0.500"	48"		10.658 oz	\$12.04	\$11.10	\$10.33	\$9.62	\$9.05	\$8.4

Product #	Name	O.D.	Length	Color	Weight	Each	6+	12+	24+	48+	14
FSB500072	.500" x 72" Black Solid Fiberglass	0.500"	72"		16.330 oz	\$18.09	\$16.66	\$15.52	\$14.48	\$13.62	\$1

Product #	Name	O.D.	Length	Color	Weight	Each	6+	12+	24+	48+	14
FSW500072	.500" x 72" White Solid Fiberglass	0.500"	72"		16.330 oz	\$18.09	\$16.66	\$15.52	\$14.48	\$13.62	\$1

Product #	Name	O.D.	Length	Color	Weight	Each	6+	12+	24+	48+	14
FSB750072	.750" x 72" Black Solid Fiberglass	0.750"	72"		34.522 oz	\$35.29	\$32.59	\$30.29	\$28.30	\$26.49	\$2

Product #	Name	O.D.	Length	Color	Weight	Each	6+	12+	24+	48+	14
FSW750072	.750" x 72" White Solid Fiberglass	0.750"	72"		34.522 oz	\$35.29	\$32.59	\$30.29	\$28.30	\$26.49	\$2



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Product #	Name	O.D.	Length	Color	Weight	Each	6+	12+	24+	48+	14+
FSW7 50096	.750" x	0.750"	96"		46.080	\$47.11	\$43.45	\$40.33	\$37.70	\$35.29	\$3
	96" White				oz						
	Solid										
	Fiberglass										

ADD TO CART

PROPERTIES	TEST PROCEDURES	SOLID ROD & BAR
Glass Content, % by weight	ASTM D2584	65
Tensile Strength, psi x 10 ³	ASTM D3916/ D638	100
Tensile Modulus, psi x 10 ⁶	ASTM D3916/ D638	5.5
Flexural Strength, psi x 10 ³	ASTM D4476/ D790	100
Flexural Modulus, psi x 10 ⁶	ASTM D4476/ D790	5.5
Compressive Strength psi x 10 ³	ASTM D695	60
Barcol Hardness	ASTM D2583	50
Izod Impact, ft.-lb./in.	ASTM D256	40
Specific Gravity	ASTM D792	1.9
Density, lbs./in ³	ASTM D792	.069



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Dielectric Strength, volts/mil.
(Method A,type 3 electrode)

ASTM D149

–

Dielectric Strength,kv./in.
(Method A,type 1 electrode)

ASTM D149

–

Dielectric Constant,
60 Hz

ASTM D150

–

Arc Resistance,
seconds

ASTM D495

–

Volume Resistivity,
ohm-cm x 10¹⁴

ASTM D257

–

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