

Braided Sleeves Specifications

Biaxial Braided Sleeves - The flexible preform solution

Our braided biaxial sleeves provide the user with a seamless solution for creating closed profiles. Simply compress or stretch the sleeve to adjust the diameter to you have chosen size. These sleeves can be used with flexible or solid mandrels & cores. They are suitable for wet lay-up, vacuum infusion and resin transfer moulding methods. For more information, please contact us directly.

Product Description			Properties As Delivered			Properties @ ±45°		
Article	Material	Diameter Range	Braid Angle	Braid Weight [g/m]	Flat Width [mm]	Braid Weight [g/m]	Flat Width [mm]	
Carbon	CF020006425	3k T300 Grade Carbon Fibre	12 - 32 mm	±25°	15	25	20	40
	CF020006415	3k T300 Grade Carbon Fibre	12 - 50 mm	±15°	15	25	20	60
	CF020012825	3k T300 Grade Carbon Fibre	20 - 44 mm	±25°	30	40	40	55
	CF020012815	3k T300 Grade Carbon Fibre	19 - 72 mm	±15°	30	40	40	90
	CF040012825	6k T300 Grade Carbon Fibre	24 - 63 mm	±25°	56	50	75	80
	CF040012815	6k T300 Grade Carbon Fibre	23 - 94 mm	±15°	56	50	75	120
	CF080012825	12k T300 Grade Carbon Fibre	36 - 100 mm	±25°	110	75	150	125
	CF080012815	12k T300 Grade Carbon Fibre	36 - 156 mm	±15°	110	75	160	200
	CF160012825	24k T300 Grade Carbon Fibre	50 - 114 mm	±25°	230	100	265	150
	CF160012815	24k T300 Grade Carbon Fibre	50 - 200 mm	±15°	230	100	275	250
Glass	GF030006425	300 tex E-Glass Fibre	12 - 32 mm	±25°	22	25	25	40
	GF030006415	300 tex E-Glass Fibre	12 - 50 mm	±15°	22	25	25	60
	GF030012825	300 tex E-Glass Fibre	18 - 50 mm	±25°	43	35	60	65
	GF030012815	300 tex E-Glass Fibre	18 - 75 mm	±15°	43	35	60	95
	GF060012825	600 tex E-Glass Fibre	25 - 63 mm	±25°	85	50	105	80
	GF060012815	600 tex E-Glass Fibre	25 - 100 mm	±15°	85	50	110	125
	GF120012825	1200 tex E-Glass Fibre	32 - 90 mm	±25°	165	60	220	115
	GF120012815	1200 tex E-Glass Fibre	32 - 132 mm	±15°	165	60	225	165
Basalt	BF030006425	300 tex Basalt Fibre	12 - 32 mm	±25°	22	25	25	40
	BF030006415	300 tex Basalt Fibre	12 - 50 mm	±15°	22	25	25	60
	BF030012825	300 tex Basalt Fibre	18 - 50 mm	±25°	43	35	60	65
	BF030012815	300 tex Basalt Fibre	18 - 75 mm	±15°	43	35	60	95
	BF060012825	600 tex Basalt Fibre	25 - 63 mm	±25°	85	50	105	80
	BF060012815	600 tex Basalt Fibre	25 - 100 mm	±15°	85	50	110	125
	BF120012825	1200 tex Basalt Fibre	32 - 90 mm	±25°	165	60	220	115
	BF120012815	1200 tex Basalt Fibre	32 - 132 mm	±15°	165	60	225	165

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All technical information provided is based on production averages and is believed accurate and reliable; however, braided sleeves are adjustable with manual manipulation and so the values provided are not intended to be used as design specifications. These values are provided with no acceptance of warranty or liability. These values are not valid when used in conjunction with other materials. Full coverage is not guaranteed for fully expanded braids.

Tolerances for angles are ±2° and ±3% for other properties. These are subject to averaging across the sample.

All sales are subject to standard terms and conditions.