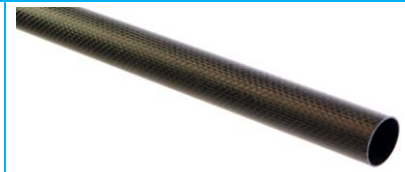
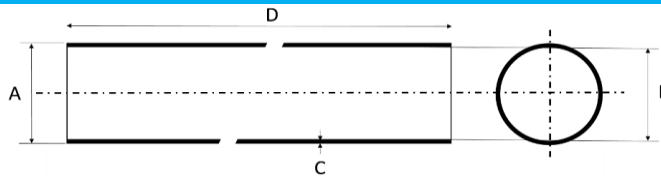


Product group:	HIGH PRECISION CARBON FIBER EPOXY TUBES ROUND	document nr.: PDSFCtubes round		
characteristics	High Strength Tube with Optimal Bending and Torsional Stiffness Outer surface milled to precision tolerance	Issue Date: 18-4-2019		
Production process:	Prepreg Lamination Technology	Revision: 0		
		Revision Date: 18-4 2019		

PRODUCT SPECIFICATIONS FOR ALL SPECIFIED PRODUCTS IN THIS DATASHEET



PRODUCT DIMENSIONS		
A: Outer dimensions:	mm	∅ OUT +/- 0,1mm
B: Inner dimension:	mm	∅ IN +/- 0,15mm
C: Wall thickness:	mm	≤ ∅OUT 30mm +/- 0,15mm ≥ ∅OUT 30mm +/- 0,3mm
D: Length	mm	+/- 2mm
E: Straightness	mm	Product Specific
Surface finish:	No Paint	Satin Precision Sanded
Skin material:	Fabric	T= Twill P=Plain
Core Material:		App. 80% UD-0° fibers placed in length direction of the tube App. 20% UD-90° fibers placed 90° on length direction of tube
Fibers:		High Strength Carbon Fiber Tow 3K
Resin:		standard grade Epoxy Resin
Glass Transition Temperature		Min. 80°C (temperature resistance)
Density:	gr/cm3	Approximate 1,76

PRODUCT QUALITY		
Visual Grade on surface		Grinded outer surface Small pinholes may occur, this is due to production process
Fiber Fabric Weave		The fabric may have some spread
Edges Cut at 90°		Cut at app. 90°
Product Packaging		Product individually packed and grouped packed in standard CarbonWebshop packaging

The data in this sheets are approximate and based on general calculations and technical data sheets from material suppliers. The raw materials used can be replaced by materials with equivalent values. Refitech BV cannot take responsibility that products will meet the specification and will take no responsibility for any damages, directly or indirectly, related to the use of these products. If precise specifications such as strength and stiffness are required we strongly advises to test the products on the required functionality in the environment you are intend to use it



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PRODUCT REFERENCES

Product Reference	HIGH PERFORMANCE CARBON FIBER EPOXY TUBES ROUND Definition	Product Dimensions in MM					Finishing		Specifics			
		Dia OUT A	Dia IN B	Wall C	Length D	Straight E	Skin Fabric	Finish	Weight gr			
CBP 1008 1005 T	CFC High Precision Prepreg Tube Round 10x08x1005 mm Twill	10,0	8,0	1,0	1.005	1mm/1m	Twill	Satin Sanded	46			
CBP 1008 2010 T	CFC High Precision Prepreg Tube Round 10x08x2010 mm Twill	10,0	8,0	1,0	2.010	1mm/1m	Twill	Satin Sanded	92			
CBP 1210 1005 T	CFC High Precision Prepreg Tube Round 12x10x1005 mm Twill	12,0	10,0	1,0	1.005	1mm/1m	Twill	Satin Sanded	57			
CBP 1210 2010 T	CFC High Precision Prepreg Tube Round 12x10x2010 mm Twill	12,0	10,0	1,0	2.010	1mm/1m	Twill	Satin Sanded	113			
CBP 1412 1005 T	CFC High Precision Prepreg Tube Round 14x12x1005 mm Twill	14,0	12,0	1,0	1.005	1mm/1m	Twill	Satin Sanded	66			
CBP 1412 2010 T	CFC High Precision Prepreg Tube Round 14x12x2010 mm Twill	14,0	12,0	1,0	2.010	1mm/1m	Twill	Satin Sanded	131			
CBP 1614 1005 T	CFC High Precision Prepreg Tube Round 16x14x1005 mm Twill	16,0	14,0	1,0	1.005	1mm/1m	Twill	Satin Sanded	79			
CBP 1614 2010 T	CFC High Precision Prepreg Tube Round 16x14x2010 mm Twill	16,0	14,0	1,0	2.010	1mm/1m	Twill	Satin Sanded	157			
CBP 1816 1005 T	CFC High Precision Prepreg Tube Round 18x16x1005 mm Twill	18,0	16,0	1,0	1.005	1mm/1m	Twill	Satin Sanded	86			
CBP 1816 2010 T	CFC High Precision Prepreg Tube Round 18x16x2010 mm Twill	18,0	16,0	1,0	2.010	1mm/1m	Twill	Satin Sanded	172			
CBP 2018 1005 T	CFC High Precision Prepreg Tube Round 20x18x1005 mm Twill	20,0	18,0	1,0	1.005	1mm/1m	Twill	Satin Sanded	100			
CBP 2018 2010 T	CFC High Precision Prepreg Tube Round 20x18x2010 mm Twill	20,0	18,0	1,0	2.010	1mm/1m	Twill	Satin Sanded	200			
CBP 2220 1005 T	CFC High Precision Prepreg Tube Round 22x20x1005 mm Twill	22,0	20,0	1,0	1.005	1mm/1m	Twill	Satin Sanded	105			
CBP 2220 2010 T	CFC High Precision Prepreg Tube Round 22x20x2010 mm Twill	22,0	20,0	1,0	2.010	1mm/1m	Twill	Satin Sanded	209			
CBP 2422 1005 T	CFC High Precision Prepreg Tube Round 24x22x1005 mm Twill	24,0	22,0	1,0	1.005	1mm/1m	Twill	Satin Sanded	119			
CBP 2422 2010 T	CFC High Precision Prepreg Tube Round 24x22x2010 mm Twill	24,0	22,0	1,0	2.010	1mm/1m	Twill	Satin Sanded	237			
CBP 2624 1005 T	CFC High Precision Prepreg Tube Round 26x24x1005 mm Twill	26,0	24,0	1,0	2.010	1mm/1m	Twill	Satin Sanded	129			

