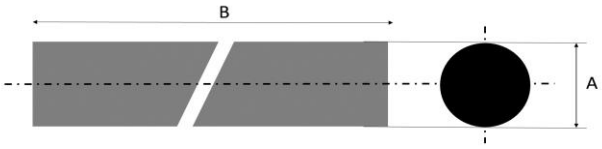
PRODUCT DATA SHEET approximate properties for reference only

Product group:	**CARBON FIBER ROUND RODDS**	document nr.: PDSCFCtubes round		
characterisitcs	Carbon Fiber Round Tubes with high stiffness	Issue Date: 18-4-2019		
		Revision: 0		
Production process:	Pulltrusion Technology	Revision Date: 18-4 2019		

PRODUCT SPECIFICATIONS FOR ALL SPECIFIED PRODUCTS IN THIS DATASHEET



PRODUCT DIMENSIONS

A: Outer dimensions:	mm	Ø OUT +/- 0,1mm
B: Length	mm	+/- 2mm
Straightness	mm	Product Specific
Surface finish:		Smooth / No Paint
Core Material:		100% UD-0° fibers placed in length direction of the 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
Edges Cut at 90°		Cut at app. 90°
Product Packaging		Product (bundle)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	HIGH PERFORMANCE CARBON FIBER EPOXY TUBES ROUND	Product Dimensions in MM			Finishing		Weight
		Dia	Length	Straight	Skin	Finish	gram
Reference	Definition	C	D	E	Fabric		
CSC 01 00 1000	Carbon Pultruded Bar Ø1mm 1000mm	1,0	1.000	1mm/1m	UD	Satin Sanded	1,3
CSC 02 00 1000	Carbon Pultruded Bar Ø2mm 1000mm	2,0	1.000	1mm/1m	UD	Satin Sanded	5
CSC 03 00 1000	Carbon Pultruded Bar Ø3mm 1000mm	3,0	1.000	1mm/1m	UD	Satin Sanded	13
CSC 04 00 1000	Carbon Pultruded Bar Ø4mm 1000mm	4,0	1.000	1mm/1m	UD	Satin Sanded	20
CSC 05 00 1000	Carbon Pultruded Bar Ø5mm 1000mm	5,0	1.000	1mm/1m	UD	Satin Sanded	30
CSC 06 00 1000	Carbon Pultruded Bar Ø6mm 1000mm	6,0	1.000	1mm/1m	UD	Satin Sanded	45
CSC 07 00 1000	Carbon Pultruded Bar Ø7mm 1000mm	7,0	1.000	1mm/1m	UD	Satin Sanded	62
CSC 08 00 1000	Carbon Pultruded Bar Ø8mm 1000mm	8,0	1.000	1mm/1m	UD	Satin Sanded	82
CSC 09 00 1000	Carbon Pultruded Bar Ø9mm 1000mm	9,0	1.000	1mm/1m	UD	Satin Sanded	103
CSC 10 00 1000	Carbon Pultruded Bar Ø10mm 1000mm	10,0	1.000	1mm/1m	UD	Satin Sanded	127
CSC 12 00 1000	Carbon Pultruded Bar Ø12mm 1000mm	12,0	1.000	1mm/1m	UD	Satin Sanded	182