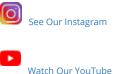


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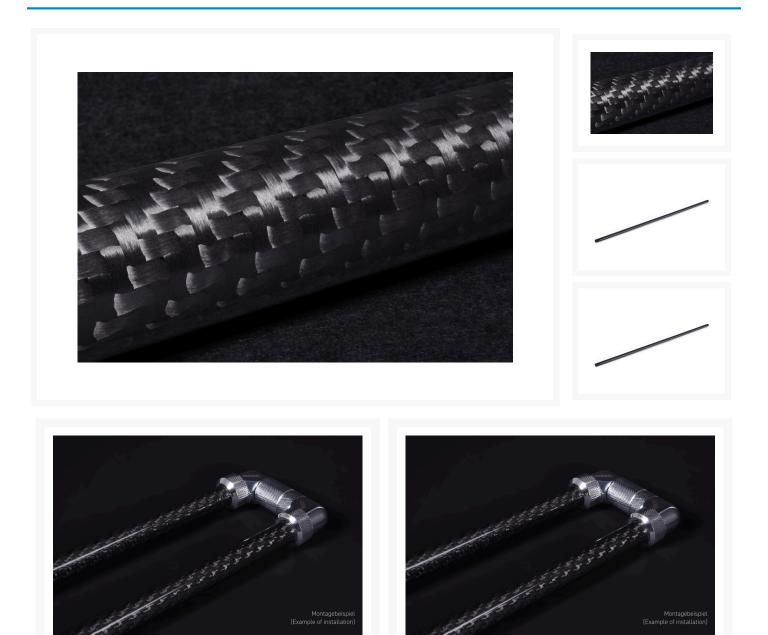


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# Alphacool Carbon HardTube 13mm 4x 80cm

# \$47.95

## **Product Images**





## Short Description

HardTubes are very popular. Those who prefer clear and clean lines in their computer, choose them for tubing the water circuit. The majority of HardTubes are clear and transparent. Alphacool offers an interesting alternative to the common variants made of PETG or acrylic with the Carbon HardTube.

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### Features

#### Material

The HardTubes are made of CFRP (carbon laminate). The smooth surface and the structure of the carbon laminate give every water cooling system a unique appearance.

#### Assembly

The HardTubes made of carbon (CFRP) cannot be bent. For the exact installation, the tubes must be sawed to the appropriate length. To do this, you should use a pit saw that is suitable for processing carbon (CFRP). To ensure straight cut edges, the use of a saw jig is advisable. When shortening the tubes, care should be taken to smooth the cut edges with a fine file or sandpaper, as sharp edges can damage the O-rings of fittings. Alphacool's Eiszapfen HardTubes fittings of the appropriate size are suitable for connecting the tubes. After assembly, the tubes should be rinsed for cleaning. It is best to use distilled water for this purpose.

#### Note

When working on the carbon tubes (sawing & filing), it is important to wear protective equipment. The use of safety glasses, FFP2 mask and gloves is advisable here. In addition, work on the HardTubes should only be carried out in well-ventilated rooms or outdoors.

## Specifications

Technical data	
Material	carbon (CFRP)
Outer diameter	13mm (1/2") (tolerance +/- 0.2mm)
Inner diameter	10mm (3/8") (tolerance +/- 0.2mm)
Length	80cm
Maximum operating pressure (pressure tested)	0,8 Bar
Maximum working temperature	60°C
Possible temperature range from/to	-20°C to 60°C
Weight	47g

black

Color:	black
Manufacturer:	Alphacool
UV - color:	Non UV-active
Service temperature:	-20°C bis 60°C
Outer diameter:	13mm (1/2")
Inner diameter:	10mm (3/8")
Length:	0,80m
Material:	Carbon Fibre
Max. Operating pressure:	0,8 bar (bei 20°C)

Note on application

Please use only in conjunction with clear transparent water cooling fluids. The particles and additives in Pastel liquids can clog and permanently damage water cooling products such as radiators, pumps, coolers and hoses. This can result in voiding the manufacturer's warranty as well.

## Additional Information

Brand	Alphacool
SKU	AC-18657
Weight	0.5000
Color	Carbon Fiber
Tube Type	Carbon Laminate
Tube Size	13mm x 16mm
Material	CFRP
Vendor SKU/EAN	4250197186575

