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Alphacool Carbon HardTube 13mm 4x 80cm

Alphacool article number: 18657

Quick Info

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.

- The smooth surface and the structure of the carbon laminate give every water cooling system a unique appearance
- Alternative to standard acrylic or PETG HardTubes

Scope of delivery

4x Alphacool Carbon 13mm HardTube 80cm, black

Technical data

Material	carbon (CFRP)
Outer diameter	13 mm (1/2") (tolerance ±0.2 mm)
Inner diameter	10 mm (3/8") (tolerance ±0.2 mm)
Length	80 cm
Maximum operating pressure (pressure tested)	0.8 bar
Maximum working temperature	60 °C
Possible temperature range from/to	-20 °C to 60 °C
Weight	47 g
Color	black

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Product pictures	18657_Alphacool_Carbon_HardTube_13mm_4x_80cm_pics.zip
EU-DoC / CE / RoHS	Alphacool_EuDoc_CE_RoHS_18657.pdf

Packaging dimensions per unit

L x W x H	810 x 40 x 40 mm
Weight	300 g

Other data

Certificates	CE, FC, RoHS
EAN	4250197186575
Customs code	39172900990

Article text

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.

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.