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Alphacool Apex Glass HardTube 16/11mm 40/20cm angle

Alphacool article number: 5100411



Quick Info

The Alphacool Apex Glass HardTubes are made from high-quality borosilicate glass and are designed for enthusiasts and users who place particular emphasis on premium aesthetics, high material durability, and precise tube routing in their watercooling systems.

- Premium appearance
- Resistant to discoloration and material aging
- High temperature resistance and dimensional stability

Scope of delivery

1x Apex Glas HardTube 16/11mm 40/20cm angle

Technical data

Dimensions (L1 x L2)	400 x 200 mm (including the 90° bend)
Bend angle	90°
Material	Borosilicate glass
Outer diameter (mm)	16 mm
Inner diameter (mm)	11 mm
Color	Clear transparent

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Product pictures	5100411_Alphacool_Apex_Glass_HardTube_16-11mm_40-20cm_angle_pics.zip
EU-DoC / CE / RoHS	Alphacool_EuDoc_CE_RoHS_5100411.pdf

Packaging dimensions per unit

L x W x H	435 x 222 x 32 mm
Weight	300 g

Other data

Certificates	CE, FC, RoHS
EAN	4070201004110
Customs code	70200080000

Article text

The Alphacool Apex Glass HardTubes are made from high-quality borosilicate glass and are designed for enthusiasts and users who place particular emphasis on premium aesthetics, high material durability, and precise tube routing in their watercooling systems. The transparent glass gives any custom watercooling system a particularly high-quality appearance and showcases the cooling loop to great effect.

Borosilicate glass is characterized by its high temperature resistance, dimensional stability, and chemical resistance. Unlike many plastic hard tubes, the surface remains permanently clear and is particularly resistant to discoloration and material aging.

With an outer diameter of 16 mm and an inner diameter of 11 mm, the tubes provide a solid, premium appearance while ensuring reliable coolant flow within the cooling loop.

For easy and clean integration into a wide range of systems, Alphacool offers the Apex Glass HardTubes both as straight tubes and as precisely manufactured 90° pre-bent variants. The pre-bent tubes allow for professional tube routing without the need for complex glass bending and also reduce the number of additional angled adapters required. This makes it possible to create both straight and more complex tube runs in a clean and visually appealing way.

To cut the borosilicate glass tubes to the required length, the use of a diamond cutting disc for a Dremel® or a comparable rotary tool is recommended. Due to the specific material properties of borosilicate glass, a conventional glass cutter is not suitable for cutting these tubes.

For a clean installation, the cut edges should be carefully finished and any sharp edges removed before inserting the tube into a fitting.

The Alphacool Apex Glass HardTubes are designed for use with compatible Alphacool HardTube fittings for 16 mm tubing and are compatible with all corresponding Alphacool fittings. This ensures a secure and reliable connection within the water-cooling loop.

Due to possible design differences in fittings from other manufacturers, compatibility with third-party fittings cannot be guaranteed.