

Alphacool article number: 17562

Every water cooling system requires either soft or hard tubing to connect the individual components such as radiators, water-blocks and reservoirs. PVC is usually used for soft tubing it has many fantastic properties that make it easy to work with and it is cheap. However, Alphacool is now bringing a new material from the Alphacool Enterprise Solutions series across to the everyday user. This tubing is called Alphacool AlphaTube TPV and is the choice of tubing for industries.

AlphaTube TPV 12,7/7,6



- much more resistant to acids and alkalis than PVC
- can withstand temperatures up to 155°C
- even with high temperatures the hose remains stable in its shape

Compatibility

Compatibility list	12,7/7,6 mm Fittings, QDC's, etc.
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We assume no responsibility for any typing errors.

Scope of delivery

100 m AlphaTube TPV hose

Data tube

Length	100 m
Material tube	TPV (EPDM/PP)
Color	Matt black
Tube size	12,7 / 7,6 mm
Hardness grade	35 Shore-A to 50 Shore-D
Working temperature	-50 to +155 °C

Download links

Product pics	https://www.alphacool.com/download/1020167_pics.zip
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Alphacool International GmbH, Marienberger Strasse 1, 38122 Braunschweig Tel: (+49)0531 288 740 Supportmail: info@alphacool.com

Packaging dimensions 1 unit

L x B x H	60 x 60 x 30 cm
Weight	6 kg

Other data

Certificates	CE, FC, RoHS
EAN	4250197175623
Customs code	39173200900

Article text

Every water cooling system requires either soft or hard tubing to connect the individual components such as radiators, water-blocks and reservoirs. PVC is usually used for soft tubing it has many fantastic properties that make it easy to work with and it is cheap. However, Alphacool is now bringing a new material from the Alphacool Enterprise Solutions series across to the everyday user. This tubing is called Alphacool AlphaTube TPV and is the choice of tubing for industries.

What is the advantage of TPV?

Compared to PVC hoses, the AlphaTube TPV hoses offer various advantages for water cooling. It is much more resistant to acids and alkalis. It is also much more temperature resistant than PVC tubing. The Alphacool AlphaTube TPV can withstand temperatures up to 155°C. While PVC hoses begin to warp at higher water temperatures. This means areas with tighter bends will warp but the TPV hose remains stable in its shape. This eliminates the risk of kinks in tubing and the restriction of flow.

How is AlphaTube TPV installed?

The Alphacool AlphaTube TPV hose is as easy and simple to install as any other PVC hose. It is slightly stiffer, but only very slightly. Handling the TPV hose is just as simple as any other soft tubing.

Do I need special fittings?

You don't need special fittings but if you are looking for the most secure fit with the highest grip we recommend our specially adapted Alphacool HF TPV connectors. Since these connections and the hose are from the Alphacool Enterprise Solution series, the connections have been optimized for extremely high tensile strength and are also partially provided with a locking ring. Of course, normal connections can also be used. However, the tensile strength is then lower.

The Alphacool AlphaTube TPV is characterised by its high resistance to acids, bases and external influences. In addition, the hose has an extraordinary longevity that far surpasses that of PVC hoses. The matt black hose also offers a discreet velvet look. An eye-catcher in every water-cooled PC.

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