E3D-Online

High Precision, High Quality, High Temperature

In the box:

2x Pneumatic couplers

1x 750mm or 1000mm length of PTFE tubing

1)

The Bowden tube coupler screws directly into the top of the heatsink. If you look into the hole in the top, you will see not just the wider hole with the screw threads on the inside, but also a smaller diameter hole that goes a little deeper at the bottom of the wider hole.

Ensure the ends of the tubing are cut

Start by screwing the coupler into the heatsink, then push the tubing into and through the coupler until it stops. You may have to push reasonably hard to make the tubing slide through the coupler and down into the hotend.

The coupler has been modified so that the tubing pushes all the way through the coupler, and so can be pushed down into the heatsink. This provides a super-low friction path for the filament all the way into the hotend.

For reference, the coupler has a thread of 1/8th Inch BSPP; Although we are not fans of imperial measurement, BSPP is the most popular standard for these sort of couplers.

If you unscrewed the coupler now you should see the tubing protruding a small amount from the coupler. Be aware that the proportions may look a little different depending on your exact versions.

You have also been supplied with another modified coupler for the other end of the tubing to help you mount the tubing to your extruder. This is particularly useful as it potentially allows you to run the tubing deep into your extruder, right up to the hob.