

Metric Compression Fittings

Simply Slide and Tighten™ for a reliable connection up to 110mm

Metric compression fittings are the fitting of choice for industrial applications, where blue line PE pipe is carrying media with chemical, compressed air or dirty water. While the Metric range has been designed for industrial applications it works equally well in any application where blue line PE pipe is used in sizes up to 110mm including irrigation and civil applications.

Visual stop

The flange on the body of the fitting acts as a visual cue to indicate when the nut is fully tightened. Once the nut touches the flange on the body, the fitting is in a fully tightened state.



1



Cut the pipe square. There is no need to chamfer or lubricate the pipe. Ensure 3 threads are showing.

2



Slide the pipe into the fitting until the first point of contact is felt. There is no need to force the pipe in.

3



Tighten the nut by hand (up to 25mm) or with a wrench.

4



Fitting is fully tightened when the nut butts against the flange of the body.



Slide and Tighten™

No pipe preparation is needed and no force is required to push the pipe past the seal. Simply insert the pipe into the fitting until the first point of resistance is felt and then tighten the nut until it touches the flange on the fitting body.

Air line safety

In the event that work commences on a live air line the use of Philmac Metric fittings will ensure that a warning is given to the user that the line is live. This is because tightening the nut creates the seal. As the nut is loosened the seal is relaxed causing a loud release of air but the grip is maintained on the pipe.



Choose from a wide selection of fittings (from 20mm to 110mm) including straight and reducing joiners and tees, elbows, end connectors, caps and blanking plugs.

Rated to 1600 kPa

Product is rated to 1600 kPa across the range and carries Watermark and Standardsmark accreditation.

No loose components

Although disassembly of the fitting is not required, if the nut is removed there is no danger of losing components as they are all retained within the nut.

Chemical Resistance

Safelok fittings are supplied with EPDM seals as standard which means that the fitting can withstand a wide range of chemicals (including many acids) without the need for an additional kit. Alternative seal materials are available as a kit if required.

Impact Resistance

Metric fittings are made from a high grade of polypropylene to provide significant resistance to impact.