

## You benefit with Philmac 3G® IPS-OD fittings

Philmac 3G® IPS-OD Range Of  
Compression Fittings Conforms To  
The Following Standards:

NSF-61 (USA & Canada)

Fitting materials approved for use in drinking water  
applications.

B137.1:2017 (Canada)

Polyethylene pipe, tubing and fittings for cold water  
pressure services.

AWWA C800

UnderGround Service line Valves and Fittings.

ASTM F3536

Standard Specification For PE And PP Mechanical  
Fittings For Use On NPS 3 Or Smaller Cold-  
Water Service Polyethylene (PE) Or Crosslinked  
Polyethylene (PEX) Pipe Or Tubing.



### CUSTOMER SERVICE

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**Philmac**  
The connection you can trust.

# 3G IPS-OD Fittings

## EASY RELIABLE CONNECTIONS, EVERYTIME

Simply Slide and Tighten  
for a reliable connection  
you can trust



## You can't beat the original, Philmac 3G® IPS-OD fittings

Philmac's range of 3G® fittings to suit IPS-OD pipe are the solution for the perfect connection every time thanks to Philmac's unique Slide and Tighten™ technology.

Each fitting is pre-assembled and ready to use so there's no need to disassemble the fittings or use a stiffener. Simply cut the PE pipe square and insert it into the fitting until you feel the first point of resistance and then tighten the nut to the flange.

The compact size makes installation easy in those hard to get at spaces and the fittings are suited to making live connections.

With Philmac's IPS-OD fittings, just slide and tighten and the job's done!



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## Benefits

### Faster to Fit

Supplied ready to fit with no nut adjustment.

No Stiffener required.

Slide and Tighten— Insert pipe, tighten by hand and then with a wrench.

### Robust and Easy

Composite material means no special handling or care required.

Any type of wrench can be used - wrench marks on fitting do not impact on performance.

### Lasts Longer

Made from composite, corrosion resistant material.

### No Loose Components

If the nut is removed there is no danger of losing components, as the collet and seal ring are retained in the body of the fitting.

### Safe

Composite construction means there is no leachate of heavy materials and it is completely free of lead.

### Stops Theft

Manufactured from durable composite materials the Philmac IPS-OD 3G™ has no scrap value unlike brass fittings.

### Designed to Minimize Twist

The fitting has been designed to minimize pipe twist as the nut is tightened.

### Visual Stop

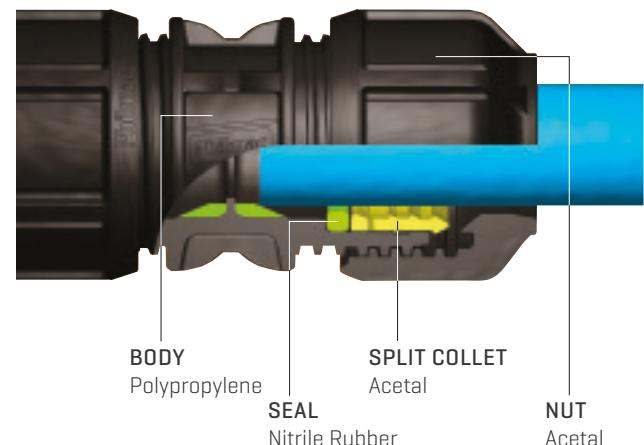
The flange on the body of the 3G™ compression fitting provides a visual stop to indicate when the nut is fully tightened.

### Rated to 230psi

3G™ compression fittings are pressure rated to 230psi to meet the needs of high pressure systems.

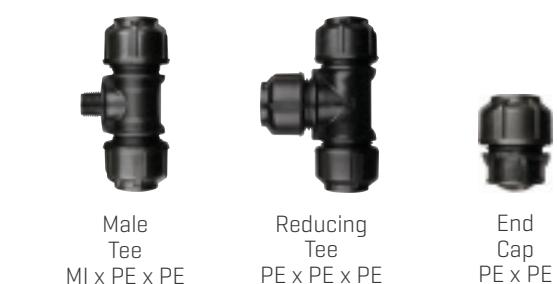
## Materials and Components

The thermoplastic materials used in the Philmac IPS-OD 3G® Compression fittings have excellent impact properties.



## Complete Range

The IPS-OD 3G® compression fittings range is comprehensive: straight and reducing couplers, tees, elbows, male and female adapters and caps ranging from 3/4" to 2".



## Easy Installation



1 Cut the pipe square, there is no need to chamfer or lubricate



2 Ensure 2 threads are showing and simply slide the pipe in until the first point of resistance is felt.



3 Tighten the nut by hand to the point where the nut is touching the flange on the body of the fitting. Do not tighten beyond this point.

