

THREADED FITTINGS

Versatile Threaded Solutions.

Now includes tank outlets

Philmac[®]

The connection you can trust.

INTRODUCTION

Philmac's robust threaded fittings provide precision BSP tapered threads that have been engineered to maximise sealing performance.

The versatile range is made from high performance, UV resistant material that prevents moisture absorption, ensuring installation is quick, simple and reliable every time.

Philmac's threaded fittings provide maximum versatility, delivering a high performance connection across a wide range of pressure ratings and chemical combinations. The hexagonal body makes them extremely simple to install.

Importantly, Philmac threaded fittings are suitable for working pressures up to PN16 (1600 kPa, 235 psi) for sizes up to 2", PN12 (1200kPa, 175 psi) for 2 1/2" and PN10 (1000 kPa, 145 psi) for 3" to 4" sized fittings. The comprehensive range includes plugs, bushes, nipples, sockets, tees, elbows, tank outlets, MF elbows and caps.

Philmac threaded fittings and tank outlets hold AS/NZS 4020 approval and therefore can be used in potable water applications.

PHILMAC'S QUALITY RANGE HAS YOU COVERED ...

PLUGS

Material: Polypropylene

Sizes Available:

- | | | |
|--------|----------|----------|
| • 1/2" | • 1" | • 1 1/2" |
| • 3/4" | • 1 1/4" | • 2" |



TEES - FI

Material: Polypropylene

Sizes Available:

- | | | |
|--------|----------|----------|
| • 1/2" | • 1" | • 1 1/2" |
| • 3/4" | • 1 1/4" | • 2" |



BUSHES

Material: Polypropylene

Sizes Available:

- | | |
|---|--|
| • 3/4" x 1/2" | |
| • 1" x 1/2"; x 3/4" | |
| • 1 1/4" x 1/2"; x 3/4"; x 1" | |
| • 1 1/2" x 1/2"; x 3/4"; x 1"; x 1 1/4" | |
| • 2" x 1/2"; x 3/4"; x 1"; x 1 1/4"; x 1 1/2" | |



- | |
|---------------------|
| • 3" x 2"; x 2 1/2" |
| • 4" x 2"; x 3" |

ELBOWS - FI

Material: Polypropylene

Sizes Available:

- | | | |
|--------|----------|----------|
| • 1/2" | • 1" | • 1 1/2" |
| • 3/4" | • 1 1/4" | • 2" |



NIPPLES

Material: Polypropylene

Sizes Available:

- | | |
|---|--|
| • 1/2" | |
| • 3/4" x 1/2"; x 3/4" | |
| • 1" x 1/2"; x 3/4"; x 1" | |
| • 1 1/4" x 1/2"; x 3/4"; x 1"; x 1 1/4" | |
| • 1 1/2" x 1/2"; x 3/4"; x 1"; x 1 1/4"; x 1 1/2" | |
| • 2" x 1/2"; x 3/4"; x 1"; x 1 1/4"; x 1 1/2"; x 2" | |



- | |
|---------------------------|
| • 2 1/2" x 2 1/2" |
| • 3" x 2"; x 2 1/2"; x 3" |
| • 4" x 3"; x 4" |

ELBOWS - MI x FI

Material: Polypropylene

Sizes Available:

- | | | |
|--------|----------|----------|
| • 1/2" | • 1" | • 1 1/2" |
| • 3/4" | • 1 1/4" | • 2" |



SOCKETS

Material: Polypropylene

Sizes Available:

- | | |
|---------------------------------|---|
| • 1/2" | |
| • 3/4" x 1/2"; x 3/4" | • 1 1/2" x 3/4"; x 1"; x 1 1/4"; x 1 1/2" |
| • 1" x 1/2"; x 3/4"; x 1" | • 2" x 1/2"; x 3/4"; x 1"; x 1 1/4"; x 1 1/2"; x 2" |
| • 1 1/4" x 3/4"; x 1"; x 1 1/4" | |



CAPS

Material: Polypropylene

Sizes Available:

- | | | |
|--------|----------|----------|
| • 1/2" | • 1" | • 1 1/2" |
| • 3/4" | • 1 1/4" | • 2" |



Conversions

- | | |
|-------------------|-------------------|
| 1/2" BSP — 15mm | 2" BSP — 50mm |
| 3/4" BSP — 20mm | 2 1/2" BSP — 65mm |
| 1" BSP — 25mm | 3" BSP — 80mm |
| 1 1/4" BSP — 32mm | 4" BSP — 100mm |
| 1 1/2" BSP — 40mm | |



Philmac threaded fittings are manufactured in accordance to the company's ISO9001 quality endorsed standard and are an example of Philmac's unrelenting commitment to continuous improvement and a culture based on innovation and ingenuity.

Philmac's tank fittings are designed to provide secure and reliable connections to most tank applications. Ranging from 1/2" to 2", and able to operate up to 1600kPa (16 Bar) the range is manufactured from UV stabilised materials ensuring they will not break down in sunlight.

Philmac offer an extensive range of male thread/female thread (M/F) and male thread/male thread (M/M) pipe risers that are manufactured from high performance, UV resistant material that prevents moisture absorption and ensures consistent dimensions over the products lifetime.

The range includes 1/2" to 2" sized pipe risers with M/M threads and 3/4" x 1/2" and 1" x 3/4" with M/F threads. M/F pipe risers are available up to 600 mm long and M/M up to 1800 mm long which means there is a pipe riser for most applications.

Philmac's versatile range of durable barbed hose fittings provide a cost effective solution for joining flexible hoses together or for connecting to BSP threaded fittings. The extensive range includes nuts & tails, barbed joiners and male and female barbed connectors. The range suits hose from 1/2" to 2" and BSP threads from 3/4" to 2" to meet the requirements of the rural and irrigation market.

NEW TANK OUTLETS*

Material: Nylon

Sizes Available:

- | | | |
|--------|----------|----------|
| • 1/2" | • 1" | • 1-1/2" |
| • 3/4" | • 1-1/4" | • 2" |



NUTS & HOSE TAILS*^Δ – FI x Barb

Material: Nylon/Polyester

Sizes Available:

- | | |
|---------------------------|-------------------|
| • 3/4" x 1/2"; x 3/4" | • 1 1/4" x 1 1/4" |
| • 1" x 1/2"; x 3/4"; x 1" | • 1 1/2" x 1 1/2" |
| | • 2" x 2" |



PIPE RISERS*^Δ – MI x FI

Material: Polypropylene or Polyethylene

Sizes Available:

- | |
|---|
| • 3/4" x 1/2" x 150 mm to 750 mm (in 150 mm increments) |
| • 1" x 3/4" x 150 mm to 600 mm (in 150 mm increments) |



MALE BARB HOSE CONNECTORS*^Δ – Barb x MI

Material: Polyester

Sizes Available:

- | | |
|-----------------------------|-------------------|
| • 3/4" x 3/4" | • 1 1/2" x 1 1/2" |
| • 1" x 3/4"; x 1"; x 1 1/4" | • 2" x 2" |
| • 1 1/4" x 1 1/4" | |



PIPE RISERS*^Δ – MI x MI

Material: Polypropylene or Polyethylene

Sizes Available:

- | |
|---|
| • 1/2" x 150 mm to 600 mm (in 150 mm increments) and 900 mm |
| • 3/4" x 150 mm to 900 mm (in 150 mm increments) |
| • 1" x 150 mm to 900 mm (in 150 mm increments) |
| • 1 1/4" x 450 mm and 600 mm |
| • 1 1/2" x 300 mm to 600 mm (in 150 mm increments) and 900 mm |
| • 2" x 300 mm to 600 mm (in 150 mm increments) |



FEMALE BARB HOSE CONNECTORS*^Δ – Barb x FI

Material: Polyester

Sizes Available:

- | |
|-------------------|
| • 1" x 1" |
| • 1 1/4" x 1 1/4" |
| • 1 1/2" x 1 1/4" |



PTFE TAPE*^Δ

Sizes Available:

- | |
|---------------------------|
| • 12 mm x 0.075 mm x 10 m |
|---------------------------|



BARB HOSE JOINERS*^Δ – Barb x Barb

Material: Polyester

Sizes Available:

- | |
|----------|
| • 1 1/4" |
| • 1 1/2" |
| • 2" |



Notes

- > Philmac recommends the use of thread tape or sealant on all threaded connections.
- > All pipe work must be adequately supported.
- > Risers, Nuts & Tails and Barb Connectors are designed for low pressure applications below 600kPa.
- > *20 year warranty does not apply.
- > ^ΔNot AS/NZS 4020 approved.



The connection you can trust.

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