

COMPRESSION FITTINGS

ORDERING PC JOINT - FOR PVC COVERED COPPER TUBE

IMPERIAL

The 'PC' nut is manufactured to accommodate 1/32" and 1/16" thick plastic covered copper tube in the following O.D. sizes:

For **1/16" thick** - 1/4", 5/16", 3/8", 1/2" and 3/4".

For **1/32" thick** - 1/4", 5/16" and 3/8".

When ordering for **1/16" sizes**, prefix the standard part number with "PC", e.g. the part number 1043 changes to PC1043 (see below for extra cost).

For **1/32" sizes**, prefix the part number with "PC" and suffix with "A", e.g. part number 1043 changes to PC1043A (contact sales office for price and availability).

METRIC

For metric the "PC" nut is manufactured to accommodate 1mm and 1.5mm thick plastic covered copper tube in the following O.D. sizes.

For **1mm thick** - 6mm, 8mm, 10mm & 12mm.

(see below for extra cost).

For **1.5mm thick** - 6mm, 8mm, 10mm & 12mm.

(contact sales office for price and availability).

When ordering for **1.5mm sizes**, change the first digit of the part number from "1" to "4", e.g. the part number MC106 changes to MC406.

For **1mm sizes**, change the first digit of the part number from "1" to "4" and suffix the part number with "A", e.g. the part number MC106 changes to MC406A.

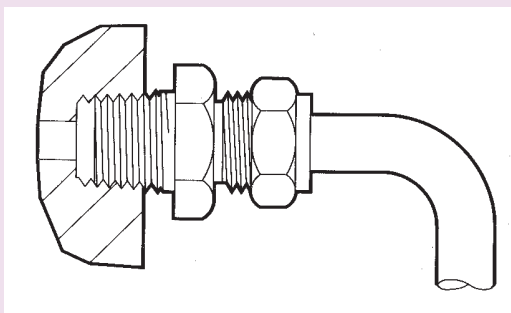
To purchase the Wade Wade PC Joint for PVC coated copper tube complete with fitting add extra per end the following to the standard list price.

IMPERIAL		METRIC	
TUBE O.D.	£ EXTRA PER END	TUBE O.D.	£ EXTRA PER END
1/16 PVC		1.5mm PVC	
1/4"	7.13	6mm	5.57
5/16"	-	8mm	5.84
3/8"	9.33	10mm	6.37
1/2"	22.25	12mm	7.43

ASSEMBLY INSTRUCTIONS FOR WADE FITTINGS

1. Ensure that the tube is cut square to the tube axis and free from burrs.
2. Slip the coupling nut onto the body followed by the compression ring.
3. Insert the tube into the body of the coupling, ensuring that the tube is seated firmly against the abutment shoulder.
4. Hand tighten the coupling nut.
5. Ensure that the tube is straight at the point of entry into the coupling body and that the axes of the tube and body are aligned. If tube bending is required, then ensure that this is carried out prior to assembly of the coupling components. Do not bend the tube after the joint has been made as this will cause side loading which can be detrimental to the performance of the joint.

The number of turns required to make 'leak tight' joint are shown on the tables below.



IMPERIAL

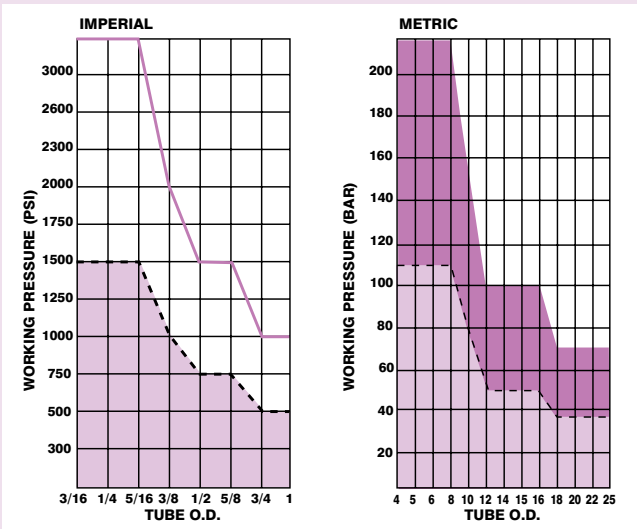
Olive Type	Size Range	No. of Turns
Copper	1/8" - 3/8"	1 1/4 - 1 1/2
Copper	1/2" - 1"	1 - 1 1/4
Brass	1/8" - 3/8"	1 - 1 1/4
Brass	1/2" - 1"	3/4 - 1
Universal	All Sizes	3/4 - 1
Wade 'N' Type Ferrule for Nylon Tube	All Sizes	3/4 - 1

METRIC

Olive Type	Size Range	No. of Turns
Copper	4mm - 10mm	1 1/4 - 1 1/2
Copper	12mm - 25mm	1 - 1 1/4
Brass	4mm - 10mm	1 - 1 1/4
Brass	12mm - 25mm	3/4 - 1
Universal	All Sizes	3/4 - 1
Wade 'N' Type Ferrule for Nylon Tube	All Sizes	3/4 - 1

WORKING PRESSURES FOR WADE BRASS COMPRESSION FITTINGS

The recommended maximum working pressures conform to BS2051 part 1 for temperatures up to 65°C under vibration free conditions. Please ensure the tube to be used is suitable for the pressures required.



KEY

HYDRAULIC	—————
PNEUMATIC	- - - - -

*Working pressure for Needle Valves & Plug Cocks are detailed in the valve section.