

Wade Fittings Installation Instructions

- 1) Ensure that the tube is cut square to the tube axis and is free from burrs.
- 2) When using the Universal Olive ensure that the tapered end faces the fitting body.
- 3) Ensure that the tube and fitting alignment is correct. Carry out all pipe bending before making the joint.
- 4) Hand tighten the coupling. Ensuring that the tube is seated against the abutment shoulder, tighten the joint in accordance with the table below. **Do not over tighten.**
- 5) Sealing tapes and compounds are not required to make a sound joint.
- 6) On completion, all systems should be subject to an appropriate pressure test.
- 7) Wade fittings are specially designed only for use with the correct Wade nuts and rings.

Olive Type

Size Range	Copper	Brass	Universal	N Type Ferrule
	Number of turns after hand tight			
1/8"-3/8"	1 1/4 - 1 1/2	1 - 1 1/4	3/4	3/4
1/2" - 1"	1 - 1 1/4	3/4 - 1	3/4	3/4
4-10mm	1 1/4 - 1 1/2	1 - 1 1/4	3/4	3/4
12-25mm	1 - 1 1/4	3/4 - 1	3/4	3/4

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Maximum Operating Pressure

Metric Range	Hydraulic	Pneumatic	Imperial Range
4 - 8mm	210 bar	105 bar	1/8 - 5/16"
10mm	140 bar	70 bar	3/8"
12-15mm	105 bar	50 bar	1/2 - 5/8"
18-25mm	70 bar	35 bar	3/4 - 1"

These are maximum working pressures that conform to BS2051 pt1 for temperatures up to 65°C under vibration free conditions. Please ensure the tube used is suitable for the pressures required.

Tube Type

Ring Type	Copper	Brass	Bundy	Nylon
Copper	v			
Brass	v	v	v	
Universal	v	v	v	v
N Type Ferrule				v

Test Point Fittings and Pressure Test Nipples

Following use, tighten carefully and verify that a sound joint has been made using a suitable Leak Detection Fluid.

WADE

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