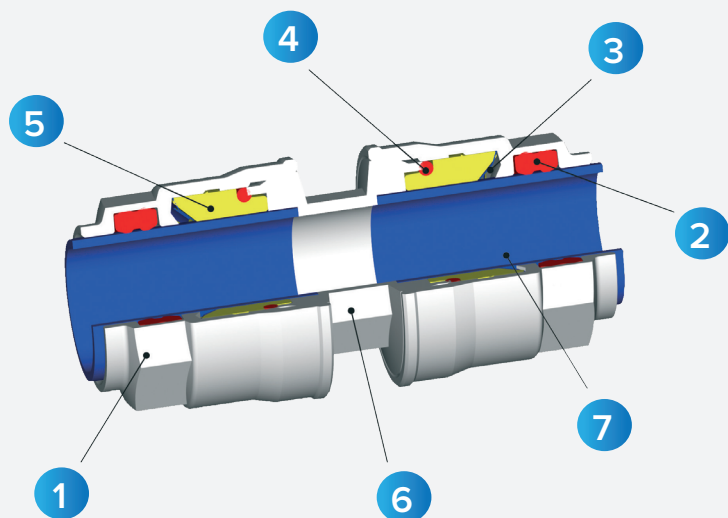


# SPECIFICATIONS & ASSEMBLING GUIDE

Ø20 | Ø25 | Ø32 | Ø40 | Ø50 | Ø63



## COMPONENT PARTS AND MATERIALS

1. Nut | Nickel-plated brass (aluminium Ø63)
2. Seal | NBR
3. Clamping Washer | INOX AISI 301
4. O-ring | NBR
5. Safety Ring | Technopolymeric
6. Body | Nickel-plated brass (aluminium Ø63)
7. Extruded Aluminium Tube | Calibrated and powder coated



## REFERENCE STANDARD

1907/2006  
REACH

2011/65/CE  
RoHS

PED  
2014/68/UE

SILICON  
FREE



## DIAMETER RANGE (MM)

Ø20 | Ø25 | Ø32 | Ø40 | Ø50 | Ø63



## PRESSURE RATING

0.99 bar (-0.099 MPa)  
16 bar (1.6 MPa)



## TEMPERATURE TOLERANCES

- 20 °C  
+ 80 °C



## VACUUM RATING

0-28 Hg



## FLUIDS

Compressed Air  
Vacuum  
Inert Gas (NITROGEN-ARGON)



## THREADS

Flanged Tube (UNI EN 1092-4 PN 16) (ANSI 150-LB)  
Female threads in conformity with ISO 228



## TUBE CHARACTERISTICS

Extruded Aluminium	Designations UNI EN 573-3	Surface Treatment	Specific Weight	Expansion Coefficient
UNI 9006/1 Al Mg 0.5 Si 0.4 Fe 0.2	EN AW 6060 T6	Electrostatic Painting	2.70 kg/dm <sup>3</sup>	0.024 mm/(m °C)

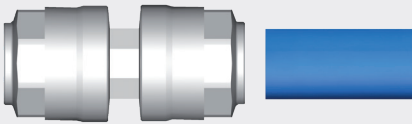
# SPECIFICATIONS & ASSEMBLING GUIDE



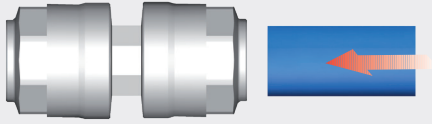
## ASSEMBLING Ø20 | Ø25 | Ø32 | Ø40

- 1 Fittings of Ø20 | Ø25 | Ø32 | Ø40 are pre-assembled.  
Tubes of 4m and 6m are pre-coated, calibrated and burred.
- 2 Push tube into the fitting for automatic connection.
- 3 In case of fitting disassembling, use the torques as in the chart to re-assemble the fitting.

1



2



3

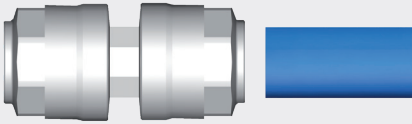
Ø mm	Torque specifications
20	3 Nm
25	3 Nm
32	4 Nm
40	6.5 Nm



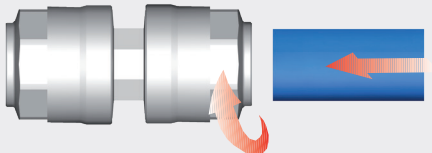
## ASSEMBLING Ø50 | Ø63

- 1 Fittings of Ø50 | Ø63 are pre-assembled with nut untwisted to help tube connection.  
Tubes of 4m and 6m are pre-coated, calibrated and de-burred.
- 2 Push tube into the fitting for connection and tighten the nut using torques as in the chart.

1



2



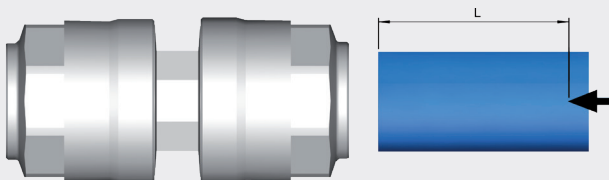
3

Ø mm	Torque specifications
50	75 Nm
63	85 Nm



## TUBE CONNECTION

The correct tube connection of tube is confirmed by the position of the arrow pre-stamp. If you need to cut the tube, mark the distance of tube to insert in the fitting.



Ø mm	L mm
20	31.5
25	38.5
32	46
40	52
50	63.5
63	57.5

