

Flanged Fittings

Features:

- The fitting requires a flat flanged end and a gasket/clip located between the flanged tube and the flat bottom fitting. Sealing achieved through tightening the nut, by deforming the bottom of the tube, the bottom of the tube then compressed to form an airtight rigid tube connection system. The wetted part is the tubing itself: a matching washer(gasket) is required.
- Resistant to chemicals and organics, including PP, PTFE, PPS and other materials
- Used for standard rigid tubing OD 1.6/2.0/2.5/3.0/3.2mm, easy and fast installation.
- Thread: 1/4-28UNF, M6

Application Note

※ Before flange the tubing, ensure the end of tubing has a clean, square, burr-free cut.

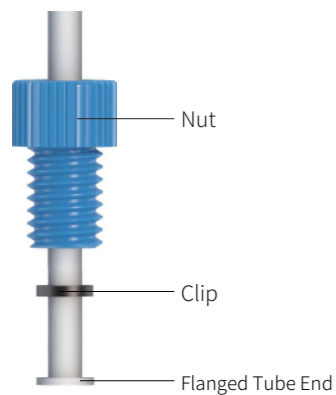
Step 1. Flange the tubing with exclusive flange tools, tubing can be flanged one end or both two ends, depending on specific application requirements

Step 2. When tubing flanged in two ends, 2 pieces clips and 2 pieces nuts need to be slid into the tubing before both ends flanged; when tubing flanged in one end, 1 piece clip and 1 piece nut can be slid into tubing before or after the one end flanged.

Step 3. Insert the assembly into the receiving port, pushing the tubing into the port until it bottoms out

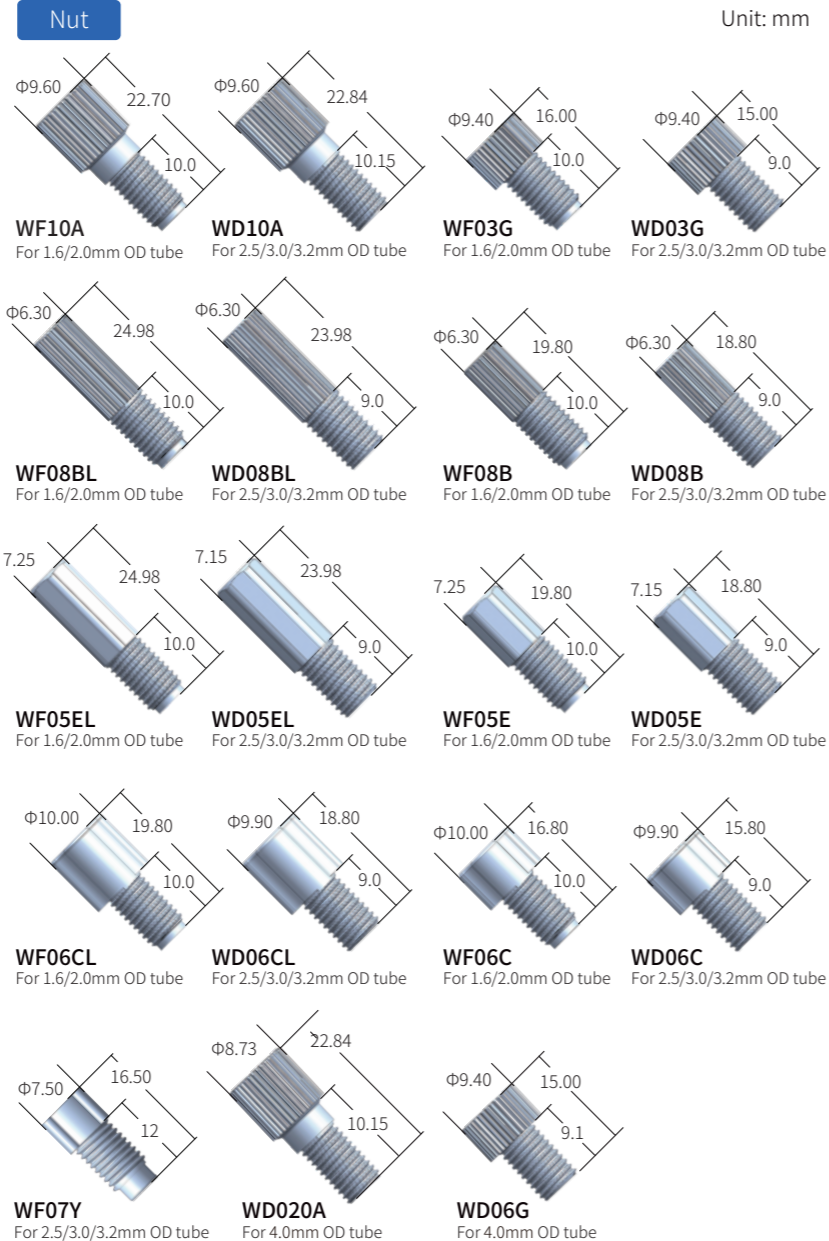
Step 4. Finger tighten the fittings into the port until snug

Step 5. After several uses (especially at high pressure) the flanged tube should be replace

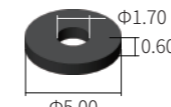


※ Flange the tubing with exclusive flange tools, flanged Tube End ≤ Φ5mm

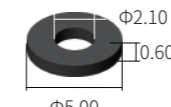
※ Flangeless nut is also available in PTFE and POM material



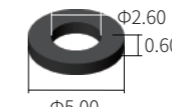
Clip



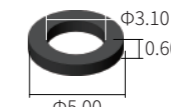
KC-016-PPS
For 1.6mm OD tube



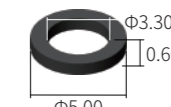
KC-020-PPS
For 2.0mm OD tube



KC-025-PPS
For 2.5mm OD tube



KC-030-PPS
For 3.0mm OD tube



KC-032-PPS
For 3.2mm OD tube

Model No.	Thread	Tube OD	Material
Nut			
WF10A-1/4-28-P	1/4-28UNF	1.6mm/2.0mm/OD	PP natural
WD10A-1/4-28-P	1/4-28UNF	2.5mm/3.0mm/3.2mm OD	PP natural
WF03G-1/4-28-P	1/4-28UNF	1.6mm/2.0mm/OD	PP natural
WD03G-1/4-28-P	1/4-28UNF	2.5mm/3.0mm/3.2mm OD	PP natural
WF08BL-1/4-28-P	1/4-28UNF	1.6mm/2.0mm/OD	PP natural
WD08BL-1/4-28-P	1/4-28UNF	2.5mm/3.0mm/3.2mm OD	PP natural
WF08B-1/4-28-P	1/4-28UNF	1.6mm/2.0mm/OD	PP natural
WD08B-1/4-28-P	1/4-28UNF	2.5mm/3.0mm/3.2mm OD	PP natural
WF05EL-1/4-28-P	1/4-28UNF	1.6mm/2.0mm/OD	PP natural
WD05EL-1/4-28-P	1/4-28UNF	2.5mm/3.0mm/3.2mm OD	PP natural
WF05E-1/4-28-P	1/4-28UNF	1.6mm/2.0mm/OD	PP natural
WD05E-1/4-28-P	1/4-28UNF	2.5mm/3.0mm/3.2mm OD	PP natural
WF06CL-1/4-28-P	1/4-28UNF	1.6mm/2.0mm/OD	PP natural
WD06CL-1/4-28-P	1/4-28UNF	2.5mm/3.0mm/3.2mm OD	PP natural
WF06C-1/4-28-P	1/4-28UNF	1.6mm/2.0mm/OD	PP natural
WD06C-1/4-28-P	1/4-28UNF	2.5mm/3.0mm/3.2mm OD	PP natural
WF07Y-1/4-28-P	1/4-28UNF	2.5mm/3.0mm/3.2mm OD	PP natural
WD020A-1/4-28-P	1/4-28UNF	4.0mm OD	PP natural
WD06G-1/4-28-P	M6	4.0mm OD	PP natural
WF10A-06-P	M6	1.6mm/2.0mm OD	PP natural
WD10A-06-P	M6	2.5mm/3.0mm/3.2mm OD	PP natural
WF03G-06-P	M6	1.6mm/2.0mm OD	PP natural
WD03G-06-P	M6	2.5mm/3.0mm/3.2mm OD	PP natural
WF08BL-06-P	M6	1.6mm/2.0mm OD	PP natural
WD08BL-06-P	M6	2.5mm/3.0mm/3.2mm OD	PP natural
WF08B-06-P	M6	1.6mm/2.0mm OD	PP natural
WD08B-06-P	M6	2.5mm/3.0mm/3.2mm OD	PP natural
WF05EL-06-P	M6	1.6mm/2.0mm OD	PP natural
WD05EL-06-P	M6	2.5mm/3.0mm/3.2mm OD	PP natural
WF05E-06-P	M6	1.6mm/2.0mm OD	PP natural
WD05E-06-P	M6	2.5mm/3.0mm/3.2mm OD	PP natural
WF06CL-06-P	M6	1.6mm/2.0mm OD	PP natural
WD06CL-06-P	M6	2.5mm/3.0mm/3.2mm OD	PP natural
WF06C-06-P	M6	1.6mm/2.0mm OD	PP natural
WD06C-06-P	M6	2.5mm/3.0mm/3.2mm OD	PP natural
WD020A-06-P	M6	4.0mm OD	PP natural
Clip			
KC-016-PPS		1.6mm OD	PPS black
KC-020-PPS		2.0mm OD	PPS black
KC-025-PPS		2.5mm OD	PPS black
KC-030-PPS		3.0mm OD	PPS black
KC-032-PPS		3.2mm OD	PPS black