



PEEK Flangeless Fittings

—two-piece set

Features:

- PEEK material, which insoluble in almost all solvents except concentrated sulfuric acid
- Superior to PTFE in terms of high temperature and abrasion resistance, high coefficient of friction and impact resistance
- High mechanical strength, fittings are not easily loosened after tightening
- Continuous operating temperature: -80°C~+250°C
- Can be disassembled repeatedly without affecting its sealing

Application Note

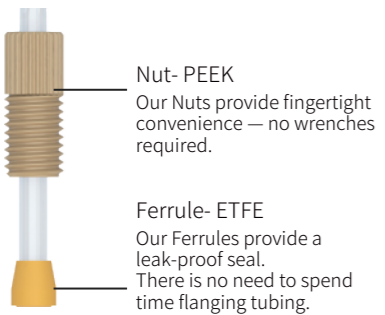
※ Ensure the end of tubing has a clean, square, burr-free cut.

Step 1. Slide the PEEK nut, followed by the ETFE ferrule, at least 3/16"(4.7625mm) from the end of clean cut tubing

Step 2. Insert the assembly into the receiving port, pushing the tubing into the port until it bottoms out

Step 3. Finger tighten the fittings into the port until snug

Step 4. After several uses (especially at high pressure) the ferrules should be replaced

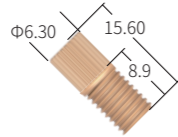


※ Make sure the ferrule is oriented correctly! The narrow end of the ferrule should towards the nut.

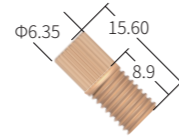
※ M6 threaded fittings support customization

Unit: mm

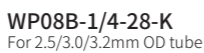
Nut



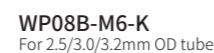
WF09B-1/4-28-K
For 1.6/2.0mm OD tube



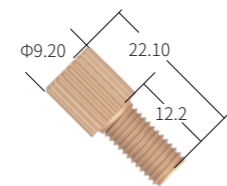
WF09B-M6-K
For 1.6/2.0mm OD tube



WP08B-1/4-28-K
For 2.5/3.0/3.2mm OD tube



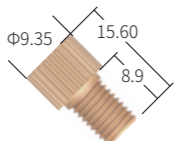
WP08B-M6-K
For 2.5/3.0/3.2mm OD tube



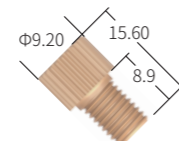
WF07B
For 1.6/2.0mm OD tube



WP07B
For 2.5/3.0/3.2mm OD tube



WF03B
For 1.6/2.0mm OD tube



WD03B
For 2.5/3.0/3.2mm OD tube

Ferrule



YE-016-F
For 1.6mm OD tube
YE-020-F
For 2.0mm OD tube



YC-025-F
For 2.5mm OD tube
YC-030-F
For 3.0mm OD tube
YC-032-F
For 3.2mm OD tube

SKU	Model No.	Thread	Tube OD	Pressure Rating	Material
WF09B/WP08B					
1011010018	WF09B-1/4-28-K * YE-016-F	1/4-28UNF	1.6mm OD	3.4Mpa	PEEK natural * ETFE yellow
1011010017	WF09B-1/4-28-K * YE-020-F	1/4-28UNF	2.0mm OD	3.4Mpa	PEEK natural * ETFE yellow
1011010016	WP08B-1/4-28-K * YC-025-F	1/4-28UNF	2.5mm OD	3.4Mpa	PEEK natural * ETFE yellow
1011010015	WP08B-1/4-28-K * YC-030-F	1/4-28UNF	3.0mm OD	3.4Mpa	PEEK natural * ETFE yellow
1011010014	WP08B-1/4-28-K * YC-032-F	1/4-28UNF	3.2mm OD	3.4Mpa	PEEK natural * ETFE yellow
1011010050	WF09B-M6-K * YE-016-F	M6	1.6mm OD	3.4Mpa	PEEK natural * ETFE yellow
1011010051	WF09B-M6-K * YE-020-F	M6	2.0mm OD	3.4Mpa	PEEK natural * ETFE yellow
1011010052	WP08B-M6-K * YC-025-F	M6	2.5mm OD	3.4Mpa	PEEK natural * ETFE yellow
1011010053	WP08B-M6-K * YC-030-F	M6	3.0mm OD	3.4Mpa	PEEK natural * ETFE yellow
1011010054	WP08B-M6-K * YC-032-F	M6	3.2mm OD	3.4Mpa	PEEK natural * ETFE yellow
WF07B/WP07B					
1011010066	WF07B-1/4-28-K * YE-016-F	1/4-28UNF	1.6mm OD	3.4Mpa	PEEK natural * ETFE yellow
1011010067	WF07B-1/4-28-K * YE-020-F	1/4-28UNF	2.0mm OD	3.4Mpa	PEEK natural * ETFE yellow
1011010041	WP07B-1/4-28-K * YC-025-F	1/4-28UNF	2.5mm OD	3.4Mpa	PEEK natural * ETFE yellow
1011010042	WP07B-1/4-28-K * YC-030-F	1/4-28UNF	3.0mm OD	3.4Mpa	PEEK natural * ETFE yellow
1011010043	WP07B-1/4-28-K * YC-032-F	1/4-28UNF	3.2mm OD	3.4Mpa	PEEK natural * ETFE yellow
1011010039	WF07B-M6-K * YE-016-F	M6	1.6mm OD	3.4Mpa	PEEK natural * ETFE yellow
1011010040	WF07B-M6-K * YE-020-F	M6	2.0mm OD	3.4Mpa	PEEK natural * ETFE yellow
1011010063	WP07B-M6-K * YC-025-F	M6	2.5mm OD	3.4Mpa	PEEK natural * ETFE yellow
1011010064	WP07B-M6-K * YC-030-F	M6	3.0mm OD	3.4Mpa	PEEK natural * ETFE yellow
1011010065	WP07B-M6-K * YC-032-F	M6	3.2mm OD	3.4Mpa	PEEK natural * ETFE yellow
WF03B/WD03B					
1011010068	WF03B-1/4-28-K * YE-016-F	1/4-28UNF	1.6mm OD	3.4Mpa	PEEK natural * ETFE yellow
1011010069	WF03B-1/4-28-K * YE-020-F	1/4-28UNF	2.0mm OD	3.4Mpa	PEEK natural * ETFE yellow
1011010055	WD03B-1/4-28-K * YC-025-F	1/4-28UNF	2.5mm OD	3.4Mpa	PEEK natural * ETFE yellow
1011010056	WD03B-1/4-28-K * YC-030-F	1/4-28UNF	3.0mm OD	3.4Mpa	PEEK natural * ETFE yellow
1011010057	WD03B-1/4-28-K * YC-032-F	1/4-28UNF	3.2mm OD	3.4Mpa	PEEK natural * ETFE yellow
1011010078	WF03B-M6-K * YE-016-F	M6	1.6mm OD	3.4Mpa	PEEK natural * ETFE yellow
1011010079	WF03B-M6-K * YE-020-F	M6	2.0mm OD	3.4Mpa	PEEK natural * ETFE yellow
1011010058	WD03B-M6-K * YC-025-F	M6	2.5mm OD	3.4Mpa	PEEK natural * ETFE yellow
1011010059	WD03B-M6-K * YC-030-F	M6	3.0mm OD	3.4Mpa	PEEK natural * ETFE yellow
1011010060	WD03B-M6-K * YC-032-F	M6	3.2mm OD	3.4Mpa	PEEK natural * ETFE yellow