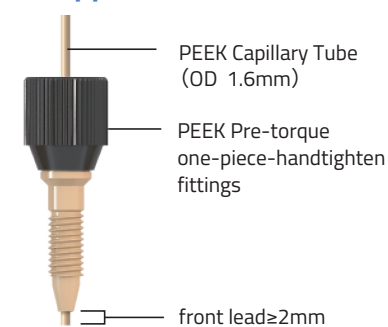


PEEK Handtighten Fitting

- ◆ Original one-piece hand tightening fittings
- ◆ The preset torque of fittings is to effectively prevent the leakage of liquid caused by improper screwing of fittings or the dislodgement of tubes with too much torque.
- ◆ Continuous operating temperature: -50°C~+250°C
- ◆ 10-32 threaded coned head for HPLC system application
- ◆ Suitable for 1.6 mm OD PEEK/PTFE/ETFE/FEP and other semi-rigid tubes
- ◆ REACH and RoHS Certified ,Biocompatibility reports available.

Unit: mm

★ Application Note



※ Other installation considerations are the same as for PEEK one-piece fittings

※ Manually or handtighten tooling to tighten the fitting until a "click" sound is heard, indicating that the preset torque has been reached and the sealing effect is optimal.

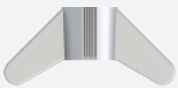
🔗 Related Products

► Tubing

SKU	Model (ID*OD)	Note
1005050007	0.1*1.6	PEEK
1005050006	0.13*1.6	PEEK
1005050013	0.18*1.6	PEEK
1005050005	0.25*1.6	PEEK
1005050004	0.38*1.6	PEEK
1005050003	0.5*1.6	PEEK
1005050002	0.75*1.6	PEEK
1005050001	1*1.6	PEEK

Note 1: Please refer to page 107 for PEEK capillary tubing that fits these fittings

► Hand Screwing Tooling



SKU	Model No.	Note
1011010140	YWKSGNZ-01	Suitable for YWK11G-32K-K(deep dark)

Note 2: It is recommended to purchase the handtighten tooling. The handle is designed to be longer and larger, with a larger force area, it is easier to tighten fittings in tight spaces.

SKU	Model No.	Thread	Tube OD	Torque	Pull-off Strength	Pressure Rating	Deformation Degree	Material
1011010116	YWK11G-32K-K(deep dark)	10-32UNF	1.6mm	0.45N.m	11.26kgf	19.51 Mpa	0.73	PEEK natural*PEEK black

*See page 7 bottom notes for definitions of Pull-off force, Rapture value, and Pressure rating. Tests used PEEK tubes: 1.0*1.6mm.

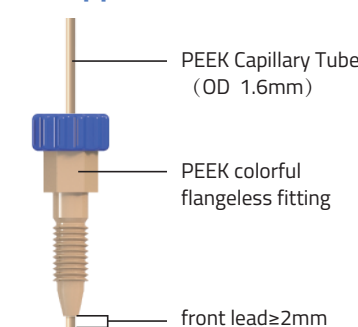
*Test data for other types of pipelines can be found in [Comprehensive Performance Test Data of Joints] on page 131 of the catalog.

PEEK colorful flangeless fitting

- ◆ Different fitting colors for easy differentiation of flow paths
- ◆ 10-32 threaded coned head for HPLC system application
- ◆ Suitable for 1.6 mm OD PEEK/PTFE/ETFE/FEP and other semi-rigid tubes
- ◆ REACH and RoHS Certified ,Biocompatibility reports available.

Unit: mm

★ Application Note



※ Other installation considerations are the same as for PEEK one-piece fittings

🔗 Related Products

► Tubing

SKU	Model (ID*OD)	Note
1005050007	0.1*1.6	PEEK
1005050006	0.13*1.6	PEEK
1005050013	0.18*1.6	PEEK
1005050005	0.25*1.6	PEEK
1005050004	0.38*1.6	PEEK
1005050003	0.5*1.6	PEEK
1005050002	0.75*1.6	PEEK
1005050001	1*1.6	PEEK

Note 1: Please refer to page 107 for PEEK capillary tubing that fits these fittings

SKU	Model No.	Thread	Tube OD	Torque	Rapture pressure	Pressure Rating	Deformation Degree	Material
PEEK colorful flangeless fitting								
1011010117	BWF11C-32K -P- red	10-32UNF	1.6mm	0.45N-M	10.15 kgf	25.27 Mpa	0.82	PEEK natural*PP red
1011010118	BWF11C-32K -P- deep purple	10-32UNF	1.6mm	0.45N-M	10.15 kgf	25.27 Mpa	0.82	PEEK natural*PP deep purple
1011010119	BWF11C-32K -P- dark blue	10-32UNF	1.6mm	0.45N-M	10.15 kgf	25.27 Mpa	0.82	PEEK natural*PP dark blue
1011010120	BWF11C-32K -P- beige blue	10-32UNF	1.6mm	0.45N-M	10.15 kgf	25.27 Mpa	0.82	PEEK natural*PP beige blue
1011010121	BWF11C-32K -P- grass yreen	10-32UNF	1.6mm	0.45N-M	10.15 kgf	25.27 Mpa	0.82	PEEK natural*PP grass yreen
1011010122	BWF11C-32K -P- lemon yellow	10-32UNF	1.6mm	0.45N-M	10.15 kgf	25.27 Mpa	0.82	PEEK natural*PP lemon yellow
1011010123	BWF11C-32K -P- deep dark	10-32UNF	1.6mm	0.45N-M	10.15 kgf	25.27 Mpa	0.82	PEEK natural*PP deep dark
1011010124	BWF11C-32K -P- dark brown	10-32UNF	1.6mm	0.45N-M	10.15 kgf	25.27 Mpa	0.82	PEEK natural*PP dark brown

*See page 7 bottom notes for definitions of Pull-off force, Rapture value, and Pressure rating. Tests used PEEK tubes: 1.0*1.6mm.

*Test data for other types of pipelines can be found in [Comprehensive Performance Test Data of Joints] on page 131 of the catalog.