

## OMNI-LOK™ TYPE S

Chemically inert flangeless fitting with permanently attached PEEK™ or ETFE ferrules, ideal for repeated connect/disconnect

- Pressure rated up to 500psi (34 bar)
- For 1/16", 1/8" or 3/16" OD semi-rigid tubing e.g. PTFE, ETFE, FEP
- For flat-bottom 1/4"-28 UNF, M6 or 5/16"-24 UNF ports
- PEEK™ ferrules can be used with rigid tubing, e.g. PEEK™

The Omni-Lok™ Type S fitting system uses a two-piece ferrule which fits permanently to the outside of the tubing. Two-part ferrules consist of an inner PEEK™ or ETFE sealing surface surrounded by a stainless steel lock ring with only the inner portion in the fluid path.

The fitting nut can spin freely against the ferrule, eliminating tubing twist and subsequent loosening of the nut. A recess in the fitting houses the ferrule, allowing maximum thread engagement with the port ensuring the system stays sealed up to 500psi (34 bar) pressure even in shallow PTFE ports. Note: The Omni-Lok™ Type S for 3/16" OD tubing and 5/16"-24 UNF flat-bottom ports is pressure rated up to 200 psi (14 bar).

Compact head fitting nuts in glass-filled polypropylene, are available in a range of different colors for easy line identification. Other options are a longer length nut for applications where accessibility is an issue (1/8" OD tubing only) and standard head nuts in PEEK™ for higher temperatures. The Type S PEEK™ ferrule can be used with rigid PEEK™ tubing and a PEEK™ fitting nut to create a robust, high temperature assembly.

### For 1/16" OD Tubing

#### FERRULES FOR 1/16" OD TUBING

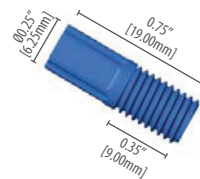
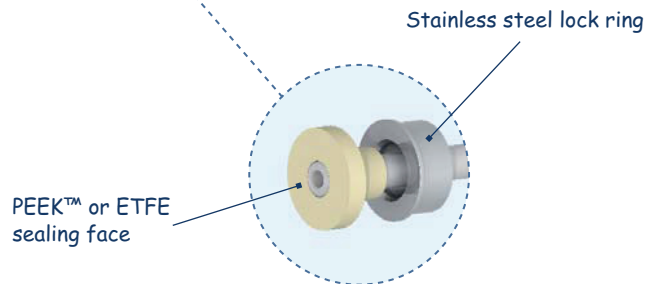
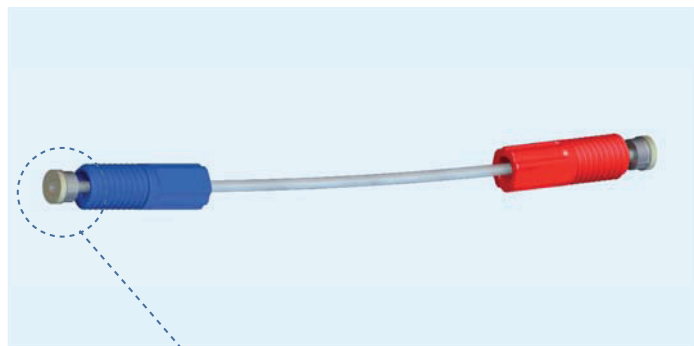
PART NUMBER	DESCRIPTION	QTY
008FK16	PEEK™ ferrule and SS lock ring	10pk
008FZ16	ETFE ferrule and SS lock ring	10pk

008FK16 & 008FZ16 ferrules can be used with all nuts listed and either 1/4-28 and M6 flat-bottom ports.

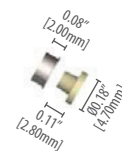
#### NUTS FOR 1/16" OD TUBING

PART NUMBER	MATERIAL	COLOR	THREAD	QTY
008NF16-YC5B	PP	Black	1/4-28	10pk
008NF16-YC5U	PP	Blue	1/4-28	10pk
008NF16-YC5A	PP	Gray	1/4-28	10pk
008NF16-YC5G	PP	Green	1/4-28	10pk
008NF16-YC5N	PP	Orange	1/4-28	10pk
008NF16-YC5R	PP	Red	1/4-28	10pk
008NF16-YC5H	PP	White	1/4-28	10pk
008NF16-YC5Y	PP	Yellow	1/4-28	10pk
008NF16-YC6B	PP	Black	M6	10pk
002122S	PEEK™	Natural	1/4-28	ea

### SPECIFICATIONS



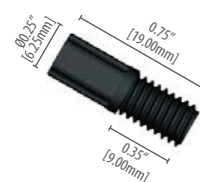
**008NF16-YC5U**  
Nut for 1/16" OD tubing,  
1/4-28, blue



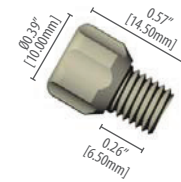
**008FK16**  
Two-part ferrule, PEEK™



**008FZ16**  
Two-part ferrule, ETFE



**008NF16-YC6B**  
Nut for 1/16" OD tubing  
M6, black



**002122S**  
PEEK™ nut for 1/16" OD tubing  
1/4-28, natural

### TECH TIP:

#### Need a completely PEEK™ connection?

An all-PEEK™ fitting and tubing system can be obtained using the Omni-Lok™ Type S ferrule in PEEK™, with PEEK™ tubing and the PEEK™ fitting nuts shown. Perfect for higher temperature applications or harsh environments.

For 1/8" OD Tubing

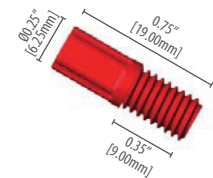
FERRULES FOR 1/8" OD TUBING

PART NUMBER	DESCRIPTION	QTY
008FK32	PEEK™ ferrule and SS lock ring	10pk
008FZ32	ETFE ferrule and SS lock ring	10pk

008FK32 & 008FZ32 ferrules can be used with all nuts listed and either 1/4•28 and M6 flat-bottom ports.

NUTS FOR 1/8" OD TUBING

PART NUMBER	MATERIAL	COLOR	THREAD	QTY
008NF32-YC5B	PP	Black	1/4•28	10pk
008NF32-YC5U	PP	Blue	1/4•28	10pk
008NF32-YC5A	PP	Gray	1/4•28	10pk
008NF32-YC5G	PP	Green	1/4•28	10pk
008NF32-YC5N	PP	Orange	1/4•28	10pk
008NF32-YC5R	PP	Red	1/4•28	10pk
008NF32-YC5H	PP	White	1/4•28	10pk
008NF32-YC5Y	PP	Yellow	1/4•28	10pk
008NF32-YL5B	PP	Black	1/4•28	10pk
008NF32-YC6B	PP	Black	M6	10pk
002222S	PEEK™	Natural	1/4•28	ea



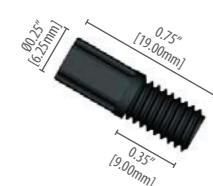
**008NF32-YC5R**  
Nut for 1/8" OD tubing  
1/4•28, red



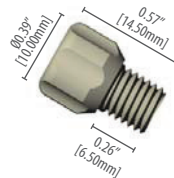
**008FK32**  
Two-part ferrule, PEEK™



**008FZ32**  
Two-part ferrule, ETFE



**008NF32-YC6B**  
Nut for 1/8" OD tubing  
M6, black



**002222S**  
PEEK™ nut  
for 1/8" OD tubing, 1/4•28



**008NF32-YL5B**  
Long nut for 1/8" OD tubing,  
1/4•28, black

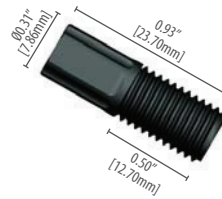
For 3/16" OD Tubing

FERRULES FOR 3/16" OD TUBING

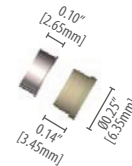
PART NUMBER	DESCRIPTION	QTY
008FK47	PEEK™ ferrule and SS lock ring	10pk
008FZ47	ETFE ferrule and SS lock ring	10pk

NUTS FOR 3/16" OD TUBING

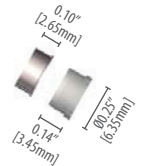
PART NUMBER	MATERIAL	COLOR	THREAD	QTY
008NF47-YC7B	PP	Black	5/16•24	10pk



**008NF47-YC7B**  
Nut for 3/16" OD tubing  
5/16•24, black



**008FK47**  
Two-part ferrule, PEEK™



**008FZ47**  
Two-part ferrule, ETFE

Omni-Lok™ Type S Assembly Tool

The Omni-Lok™ Type S two-piece ferrule is easily assembled onto tubing using this tool. Simply cut the tube end square, then fit the Omni-Lok™ ferrule and lock ring onto the squarely cut tube end, load into the assembly tool and squeeze the tool handles together to press the lock ring onto the ferrule. Full instructions are provided with the tool and on our website.

OMNI-LOK™ TYPE S ASSEMBLY TOOL

PART NUMBER	DESCRIPTION	QTY
008AT	Assembly tool	ea

