

OMNI-LOK™ TYPE P

Chemically inert flangeless fitting with permanently attached PTFE ferrule ideal for repeat connect/disconnect

- Pressure rated up to 1000psi (69 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

The Omni-Lok™ Type P fitting system uses a one-piece ferrule which fits permanently onto the outside of semi-rigid tubing. Ferrules have an inner PTFE sealing face ensuring that only PTFE is in the fluid path.

The fitting nut can spin freely, eliminating tubing twist. A recess in the fitting houses the ferrule, allowing maximum thread engagement with the port. This ensures the system stays sealed up to 1000psi (69 bar) pressure, even in shallow PTFE ports. Note: Omni-Lok™ Type P 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.

Assembly of Omni-Lok™ type P fittings onto tubing requires the use of simple tooling. See the assembly instructions on our website for full details.

For 1/16" OD Tubing

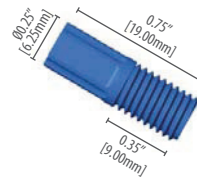
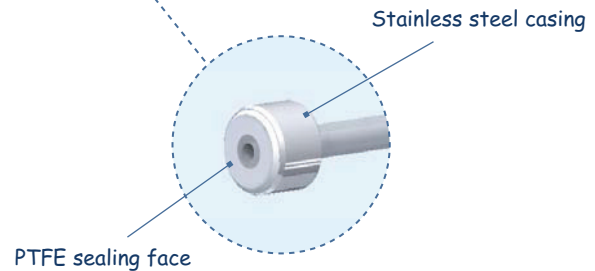
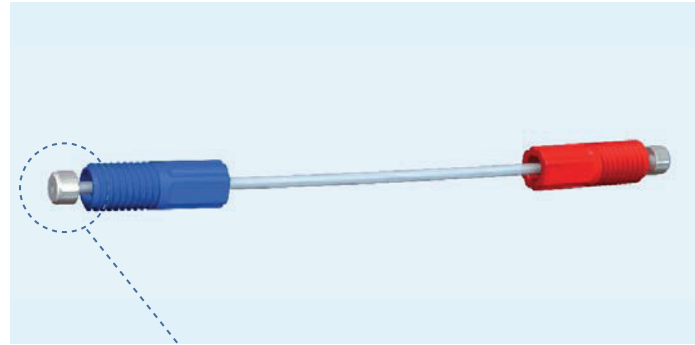
FERRULES FOR 1/16" OD TUBING

PART NUMBER	DESCRIPTION	QTY
008FT16	One piece PTFE ferrule for 1/4•28 and M6 nuts	10pk

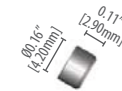
NUTS FOR 1/16" OD TUBING

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



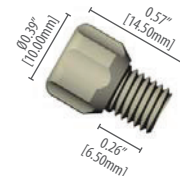
008NF16-YC5U
Nut for 1/16" OD tubing
1/4•28, blue



008FT16
Type P ferrule
for 1/16" OD tubing



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



002122S
PEEK™ nut
for 1/16" OD tubing, 1/4•28

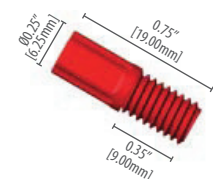
For 1/8" OD Tubing

FERRULES FOR 1/8" OD TUBING

PART NUMBER	DESCRIPTION	QTY
008FT32	One piece PTFE ferrule for 1/4•28 and M6 nuts	10pk

NUTS FOR 1/8" OD TUBING

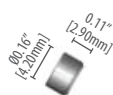
PART NUMBER	MATERIAL	COLOR	THREAD	QTY
008NF32-YC5B	PP	Black	1/4•28	10pk
008NF32-YC5U	PP	Blue	1/4•28	10pk
008NF32-YC5A	PP	Gray	1/4•28	10pk
008NF32-YC5G	PP	Green	1/4•28	10pk
008NF32-YC5N	PP	Orange	1/4•28	10pk
008NF32-YC5R	PP	Red	1/4•28	10pk
008NF32-YC5H	PP	White	1/4•28	10pk
008NF32-YC5Y	PP	Yellow	1/4•28	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



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



008FT32
Type P ferrule
for 1/8" OD tubing



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



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

For 3/16" OD Tubing

FERRULES FOR 3/16" OD TUBING

PART NUMBER	DESCRIPTION	QTY
008FT47	One piece PTFE ferrule for 5/16•24 nuts	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



008FT47
Type P ferrule
for 3/16" OD tubing

Blanking Plugs

ETFE nut with PTFE sealing face designed to seal unused ports. These blanking plugs can be used in any flat-bottom 1/4"-28 UNF port.

BLANKING PLUG FOR 1/4•28 FLAT-BOTTOM PORTS

PART NUMBER	MATERIAL	COLOR	THREAD	QTY
002320	ETFE	Natural	1/4•28	2pk



002320
ETFE plug
for 1/4•28 ports

TECH TIP:

Problems with shallow or PTFE ports?

Some shallow ports, especially those found in solenoid valves, may offer limited thread engagement for most standard fittings. Ports machined from PTFE can also be slippery and difficult to seal, with fittings becoming loose and "backing out". With glass-filled polypropylene and a recessed ferrule, Omni-Lok™ fittings are specifically designed for use in shallow and PTFE ports to ensure maximum security and a leak-free seal.