

## OMNIFIT® GRIPPER

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

- Pressure rated up to 1000psi (69 bar)
- For 1/16" or 1/8" OD semi-rigid tubing
- For 1/4"-28 UNF or M6 flat-bottom ports

The Omnifit® Gripper 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 and allowing easy repeat connect/disconnect. The system is pressure rated up to 1000psi (69 bar).

A range of different colored polypropylene nuts are available to connect 1/16" or 1/8" OD tubing into 1/4"-28 UNF flat-bottom ports. Mixed color packs include all 10 colors for easy line identification. PEEK™ fitting nuts for use in higher temperatures are available in standard or compact head styles and with 1/4"-28 UNF or M6 threads.

Assembly of the Omnifit® Gripper onto tubing requires the use of simple tooling. See the assembly instructions on our website for full details.

### For 1/16" OD Tubing

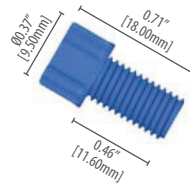
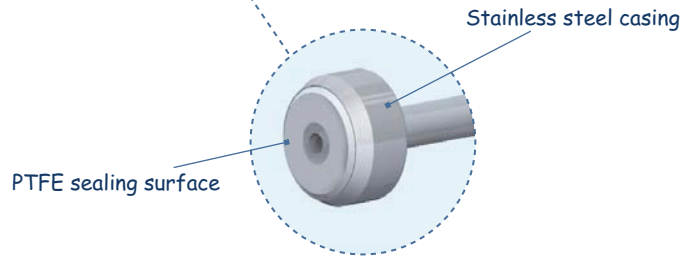
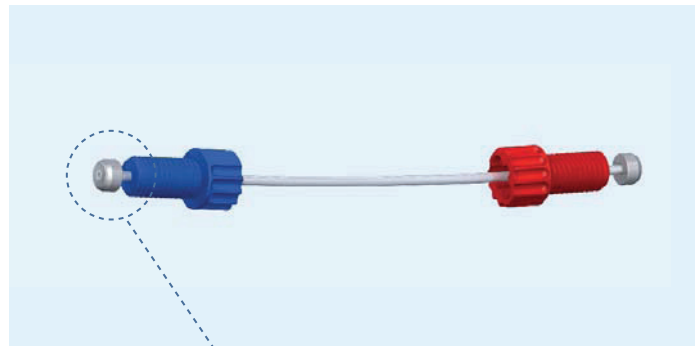
#### GRIPPERS FOR 1/16" OD TUBING

PART NUMBER	DESCRIPTION	QTY
002310	One piece PTFE ferrule for 1/4•28 nuts	10pk
002313	One piece PTFE ferrule for M6 fitting nuts	10pk

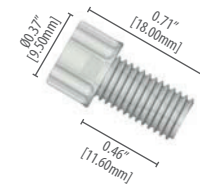
#### NUTS FOR 1/16" OD TUBING

PART NUMBER	MATERIAL	COLOR	THREAD	QTY
002100	PP	Black	1/4•28	10pk
002101	PP	Brown	1/4•28	10pk
002102	PP	Red	1/4•28	10pk
002103	PP	Orange	1/4•28	10pk
002104	PP	Yellow	1/4•28	10pk
002105	PP	Green	1/4•28	10pk
002106	PP	Blue	1/4•28	10pk
002107	PP	Violet	1/4•28	10pk
002108	PP	Gray	1/4•28	10pk
002109	PP	White	1/4•28	10pk
002110	PP	Mixed	1/4•28	10pk
002130	ETFE	Natural	1/4•28	10pk
002119	PEEK™	Natural	1/4•28	ea
002122	PEEK™	Natural	1/4•28	ea
002135	PEEK™	Natural	M6	ea

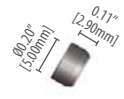
### SPECIFICATIONS



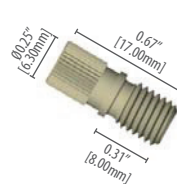
**002106**  
Nut for 1/16" OD tubing  
1/4•28, blue



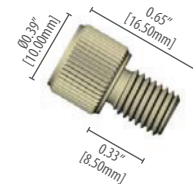
**002130**  
ETFE nut for 1/16" OD tubing  
1/4•28, natural



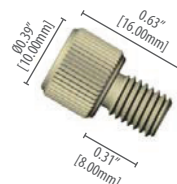
**002310**  
Gripper ferrule  
for 1/16" OD tubing



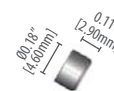
**002119**  
Compact PEEK™ nut  
for 1/16" OD tubing, 1/4•28



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



**002135**  
PEEK™ nut  
for 1/16" OD tubing, M6



**002313**  
Gripper ferrule  
for 1/16" OD tubing, M6

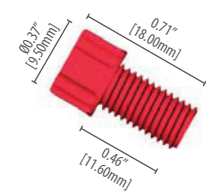
For 1/8" OD Tubing

GRIPPERS FOR 1/8" OD TUBING

PART NUMBER	DESCRIPTION	QTY
002312	One piece PTFE ferrule for 1/4•28 fitting nuts	10pk
002314	One piece PTFE ferrule for M6 fitting nuts	10pk

NUTS FOR 1/8" OD TUBING

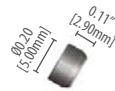
PART NUMBER	MATERIAL	COLOR	THREAD	QTY
002200	PP	Black	1/4•28	10pk
002201	PP	Brown	1/4•28	10pk
002202	PP	Red	1/4•28	10pk
002203	PP	Orange	1/4•28	10pk
002204	PP	Yellow	1/4•28	10pk
002205	PP	Green	1/4•28	10pk
002206	PP	Blue	1/4•28	10pk
002207	PP	Violet	1/4•28	10pk
002208	PP	Gray	1/4•28	10pk
002209	PP	White	1/4•28	10pk
002210	PP	Mixed	1/4•28	10pk
002230	ETFE	Natural	1/4•28	10pk
002219	PEEK™	Natural	1/4•28	ea
002222	PEEK™	Natural	1/4•28	ea



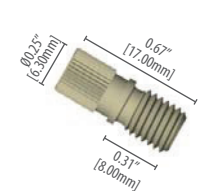
**002202**  
Nut for 1/8" OD tubing  
1/4•28, red



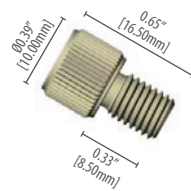
**002230**  
ETFE nut for 1/8" OD tubing  
1/4•28, natural



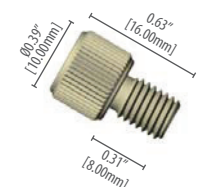
**002312**  
Gripper ferrule  
for 1/8" OD tubing



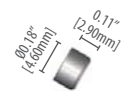
**002219**  
Compact PEEK™ nut  
for 1/8" OD tubing, 1/4•28



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



**002235**  
PEEK™ nut  
for 1/8" OD tubing, M6



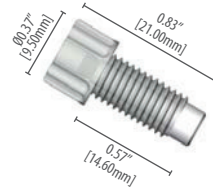
**002314**  
Gripper ferrule  
for 1/8" OD tubing, M6

Blanking Plugs

This ETFE nut has a 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	HEAD STYLE	MATERIAL	COLOR	THREAD	QTY
002320	Standard	ETFE	Natural	1/4•28	2pk



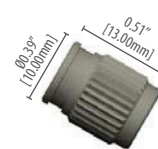
**002320**  
ETFE plug  
for 1/4•28 ports

In-line connectors

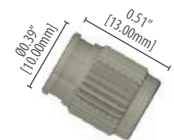
Compact in-line connectors using the Omnifit™ Gripper are ideal when space is limited. A tubing line is secured into the connector using an Omnifit® Gripper ferrule. The connector then effectively becomes a 1/4"-28 UNF threaded female port that accepts a standard threaded fitting from a second fluid line.

IN-LINE CONNECTORS

PART NUMBER	MATERIAL	COLOR	TUBE OD	THREAD	QTY
002333	PEEK™	Natural	1/16"	1/4•28 F	ea
002334	PEEK™	Natural	1/8"	1/4•28 F	ea



**002333**  
PEEK™ in-line connector for  
1/4•28 F threads, 1/16" OD tube



**002334**  
PEEK™ in-line connector for  
1/4•28 F threads, 1/8" OD tube

TECH TIP:

Problems with shallow or PTFE ports?

Some shallow ports, especially those found in solenoid valves, may lack sufficient threading to allow effective use of the Gripper fitting. Ports machined from PTFE can also be slippery and difficult to seal. We recommend Omni-Lok™ fittings for use in shallow and PTFE ports to ensure maximum security and a leak-free seal.