

Low pressure fittings

POLYMERIC

Our low pressure fittings are ideally suited for flow injection analysis, low pressure liquid chromatography, and stream sampling devices. They may be safely used at pressures up to 500 psi and temperatures to 50°C.

Low pressure polymeric fittings index

Nuts, ferrules, and washers

for 1/4-28 flat-bottom fitting details

PPS hex head nuts	
Flangeless	page 41
Flanged	41
Flangeless ferrules	
Collapsible	41
Inverted	41
Flangeless nuts	
PPS hex-head	41
PEEK fingertight nuts	42
Color-coded polyacetal fingertight nuts ...	42
Flanged color-coded polypropylene fingertight nuts	43

Unions and reducing unions

Union body, polyamide	43
PEEK unions	44
PEEK bulkhead unions	44
PEEK reducing unions	45
PEEK reducing unions, imperial to metric NEW	45

Tees, crosses, and manifolds

Tees	46
Biocompatible mixing tee	47
Crosses	46
Manifolds with 5 and 9 ports	46

Plugs

10-32 and 1/4-28 polypropylene plugs	48
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Adapters, polypropylene

48
A wide offering of adapters, including male and female Luer to barbed, 10-32, and 1/4-28 male and female, plus many other combinations.

Micro valves for LC and GC

49
Simplify your liquid or gas handling application. The unique design of the fitting detail allows a leak-free seal with no potential for rotor damage from overtightening.

Peristaltic tubing adapter set

49
Connect soft tubing to PTFE and PTFE-like tubing with this biocompatible adapter set, which works with peristaltic tubing up to 4.50 mm OD.

FITTING DESIGNS

VICI Jour offers two types of low pressure fittings for 1/4-28 flat-bottomed fitting details:

- **Flangeless** connections utilize several ferrule designs. The ferrule grips the tubing as the fitting is tightened, without significantly reducing the tubing ID.
- **Flanged** tube end fittings are retained on polymeric tubing by a flange formed around a polypropylene washer. The washer never comes in contact with the mobile phase.

DISCLAIMER

The maximum holding pressure for any type of connections involving tubing and a ferrule varies considerably with the tubing material the ferrule material, the clearance between tubing OD and ferrule ID, and the shape of the fitting detail.

