



Thermo-formed polymeric tubing

- Available in a variety of polymers
- Provides axial flexibility
- Telephone cables or customer-specified shapes

VICI Jour offers thermo-formed tubing in various geometric shapes and polymers. The form will maintain its shape so long as the temperature does not exceed 100°C.

Straight tubing, spirals, or even more complex forms – just define your form and material on a drawing for us.

FOR PRICING

Contact VICI or your local distributor for more information or a quotation.



Impermeable polymeric tubing

- FEP coated with PVDF
- Prevents "re-gassing"
- Excellent chemical resistance

PTFE and FEP have very good chemical resistance, but are too permeable to be suitable for mobile phase transfer lines. PVDF, on the other hand, lacks chemical resistance but is a very tight polymer with no observable micropores. Our impermeable tubing is produced by co-extruding PVDF over FEP to combine the best features of both polymers, ensuring that degassed solvent will stay degassed until it reaches the HPLC pump.

The PVDF layer can easily be stripped away with our Clean-Cut tubing cutter or a razor blade, leaving a length of exposed FEP to extend into the solvent reservoir.

When making connections, a special PCTFE tubing insert fits into the ID of the tubing and seals against the bottom of the port, preventing the solvent from contacting the PVDF layer at the end of the tube.

SPECS

- Low pressure only
- 1/8" OD, 1.65 mm ID
- OD and ID tolerances: ±0.05 mm (.002")
- Materials
Tubing: FEP coated with PVDF
Insert: PCTFE
Ferrule: ETFE
Fitting: PPS

TECH TIP

Use FEP or PFA tubing inside the solvent reservoir, since PVDF has limited chemical resistance.

TECH TIP

Always use the specially-designed tubing insert to prevent solvent contact with the PVDF layer.

OPTIONS

Contact us for more info about longer tubing lengths at competitive bulk prices.

MORE INFORMATION

- About FEP 99
- About PVDF 100
- Chemical resistance 96-98
- Tubing ID chart: volume per length . . . 93
- Tubing tolerances 95

RELATED PRODUCTS

- Clean-cut tubing cutter 86
- Color-sleeve fingertight adapters . 17

Qty/pkg:	3 m		10 m	
	Product No.	Product No.	Product No.	Product No.
Impermeable tubing, 1/8" OD x 1.65 mm ID	JR-T-6130-M3	JR-T-6130-M3	JR-T-6130-M10	JR-T-6130-M10
Additional spare parts	Qty/pkg	Product No.		
PCTFE tubing inserts	10	JR-6141-10		
1/8" PPS nuts	10	JR-55071-10		
1/8" ETFE ferrules	10	JR-051-10		
Fitting kit		JR-6140		
contains:				
PCTFE tubing inserts	2			
1/8" PPS nuts	2			
1/8" ETFE ferrules	2			

