

PEEK tees and crosses

10-32

SPECS

- For 1/16" OD tubing
- Material: PEEK
- 10-32 threads
- Body size: 25.0 mm OD 12.0 mm thick
- Pressure rating: <350 bar (5000 psi) *(Varies with tubing material and ID)*

- Easy connection of transfer/solvent lines
- Low dead volume
- Completely inert and biocompatible

The 100% PEEK flowpath makes VICI Jour PEEK tees and crosses usable with most common organic and inorganic HPLC solvents without risking corrosion, metal contamination, or protein degradation that might occur with stainless steel.

Small diameter through-holes are used to ensure low dead volume connections. These unions have the standardized Valco fitting details with smooth transition of the taper into the threaded part. Connections to these PEEK tees and crosses can be made with any 10-32 fitting that uses polymeric ferrules.

PEEK tees and crosses are available in body-only versions as well as complete with our PEEK one-piece fingertight fittings ready to connect to any 1/16" OD tubing.

| | Bore (mm) | Qty/pkg | With fittings Product No. | Body only Product No. |
|---|-----------|----------------|------------------------------|--------------------------|
| Tee | 0.25 | 1 | JR-1030 | JR-2030 |
| | 0.50 | 1 | JR-1032 | JR-2032 |
| | 0.75 | 1 | JR-1033 | JR-2033 |
| Cross | 0.25 | 1 | JR-1040 | JR-2040 |
| | 0.50 | 1 | JR-1042 | JR-2042 |
| | 0.75 | 1 | JR-1043 | JR-2043 |
| Replacement fittings | | Qty/pkg | Product No. | |
| PEEK 1/16" one-piece fingertight fittings, 10-32, black | | 5 | JR-55021-5 | |



Biocompatible mixing tee

10-32

SPECS

- For 1/16" OD tubing
- Material: PEEK
- 10-32 threads
- Pressure rating: <350 bar (5000 psi) *(Varies with tubing material and ID)*

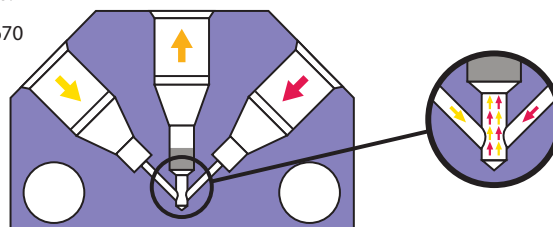
- High pressure gradient mixing
- Post column reactions
- Completely biocompatible
- Built-in protein-friendly titanium filter, 10 µm

A unique, more thorough mixing results from the turbulence generated by the introduction angle of the solvents as well as by the flow through our titanium filter element. The biocompatible tee can be used for high pressure gradient mixing as well as for post column reactions.



Mixing tee with fittings

Product No.
JR-9000-0670



The two solvent streams are well-mixed in the vortex mixing chamber

TECH TIP

Use our color-coded one-piece fingertight fittings for easy solvent line identification. 20



MORE INFORMATION
About PEEK 99
Chemical resistance 96-98

RELATED PRODUCTS
Low pressure 1/4-28 tees and crosses 46
Low pressure 1/4-28 mixing tees 47