

360 µm HIGH PRESSURE FITTINGS



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Our new high pressure fittings permit direct connection of 360 micron OD fused silica, PEEK, stainless, or electroformed nickel tubing without the use of liners. The ferrule snaps into the nut so that the fitting is “one-piece,” but the ferrule remains free to rotate as the nut is tightened so that the tube doesn’t twist. Because of the compact size and fine 2-56 threads, a leak-free connection that seals at pressures in excess of 20,000 psi can be easily formed with the available manual tool.

360 µm fittings are dedicated for use with either fused silica, metal, or PEEK tubing; components cannot be mixed or used with a different tubing material.

Tees and crosses for PEEK or FS tubing offer a choice of three bore sizes, and feature a “quick mount” base with adhesive backing to make sure that the fitting is stable and fragile tubing doesn’t get broken. There is also a quick-mount PEEK union.



BENEFITS

Direct connection of 360 µm OD tubing | Eliminate the need for liners | Use at 20,000 psi (liquid) or higher | Work with fused silica, or PEEK®, or metal tubing | Snap-in rotating ferrule for one-piece fitting with no tubing twist

North America, South America, & Australia/Oceania contact:

VICI® VALCO INSTRUMENTS

tel: +1 713-688-9345
toll free: +1 800-367-8424 (US & Canada only)
web: www.vici.com

email: sales_usa@vici.com
fax: +1 713-688-8106
mail: P.O. Box 55603, Houston, TX 77255

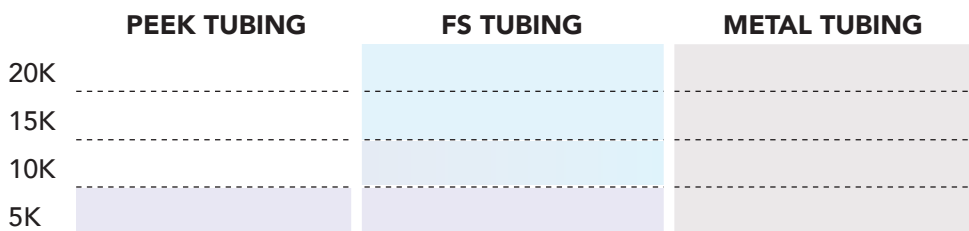
PRODUCT NUMBERS

360 µm fittings are dedicated for use with either fused silica (FS), metal, or PEEK tubing; components cannot be mixed or used with a different tubing material.

	FS (<10K PSI) & PEEK TUBING	FS (>10K PSI) TUBING	METAL TUBING
Nut/Ferrule	C360NFPK	C360NFFS	C360NFS6
Cap	C360CPK		C360C
Plug	C360PPK		
Union, 50 micron bore	C360UPK2		
Union, 100 micron bore	C360UPK4		
Union, 150 micron bore	C360UPK6		
Reducing union, 1/32" to 350 µm, 50 micron bore		C360RU.5FS2	C360RU.5S62
Reducing union, 1/32" to 350 µm, 100 micron bore		C360RU.5FS4	C360RU.5S64
Reducing union, 1/32" to 350 µm, 150 micron bore		C360RU.5FS6	C360RU.5S66
Reducing union, 1/16" to 350 µm, 150 micron bore	C360RU1PK6	C360RU1FS6	C360RU1S66
Union, quick mount, 50 micron bore	C360QUPK2		
Union, quick mount, 100 micron bore	C360QUPK4		
Union, quick mount, 150 micron bore	C360QUPK6		
Tee, quick mount, 50 micron bore	C360QTPK2		
Tee, quick mount, 100 micron bore	C360QTPK4		
Tee, quick mount, 150 micron bore	C360QTPK6		
Cross, quick mount, 50 micron bore	C360QXPK2		
Cross, quick mount, 100 micron bore	C360QXPK4		
Cross, quick mount, 150 micron bore	C360QXPK6		
Make up tool for PEEK nut/ferrule	C360ET		

SELECTION GUIDE

Safe use pressure depends on the combination of tubing and fitting. PEEK nut/ferrules can be used on both PEEK and FS tubing up to the rating of the tubing.



INCREASE EFFICIENCY

The minimal transfer volume contributed by Nanovolume® components makes them especially beneficial in applications with flow rates in the µl/min range, when the transfer volume can be critical.