

# Vu2 Union™ & **new** SeCure™ "Y" Connectors



Maintain Press-Tight® Seal Integrity



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# Vu2 Union™ Connectors\*



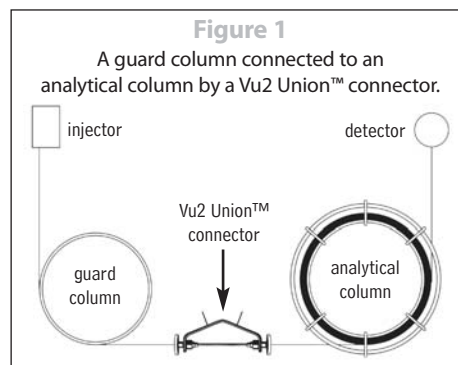
Patent pending.

- Connect a guard column to an analytical column.
- Connect a column to a transfer line.
- Connect two columns in series.
- Repair a broken column.

Restek's Vu2 Union™ connector combines the simplicity of a Press-Tight® union with the strength of a metal union. The Vu2 Union™ connector reliably couples one analytical column to another, or to a transfer line or guard column. The columns cannot unexpectedly disconnect, even at temperatures as high as 400°C.

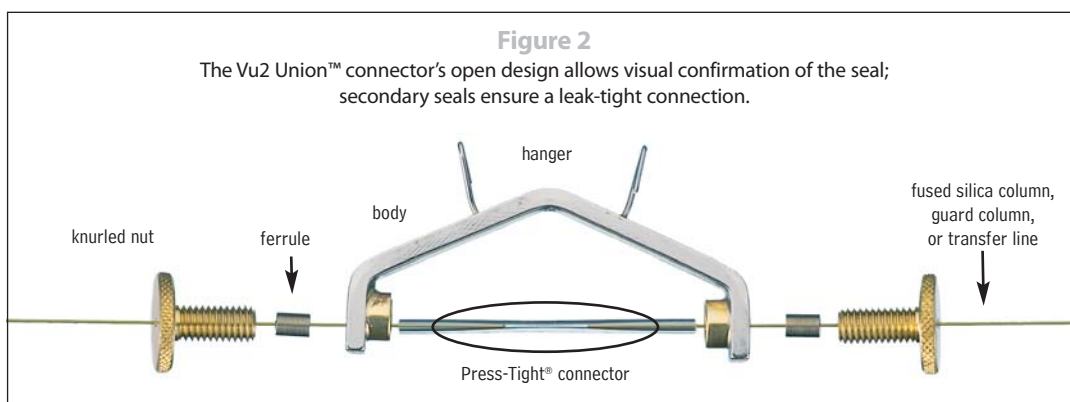
### How does a Vu2 Union™ connector work?

A Press-Tight® union in the Vu2 Union™ connector joins the fused silica ends together; the ferrule and knurled nut at each end of the connector hold the tubing in place via a secondary seal between the ferrule and the Press-Tight® union. Each knurled nut applies independent pressure to each ferrule, to make a leak-tight seal with the column end. These ultra-strong connections will not unexpectedly disconnect under temperature changes, vibrations, or other stresses normally encountered in GC analyses. The open design allows visual confirmation of the seal between the column and the Press-Tight® union, to ensure confidence in the connection. Hang the connector from the column cage, to minimize stress on the connections.



### Who will benefit from using Vu2 Union™ connectors?

Any analyst using guard columns, transfer lines, or restrictor tubing, performing a dual-column analysis with columns connected in series, or seeking to repair a broken column will find Vu2 Union™ connectors the simple, reliable, easy-to-use solution to their connection needs.



Kits include: Vu2 Union™ body, 2 knurled nuts, 2 Press-Tight® unions, and 4 ferrules

Description	Ferrules Fit Column ID	qty.	cat.#
Vu2 Union™ Connector Kit	0.15–0.25mm	kit	21105
Vu2 Union™ Connector Kit	0.28/0.32mm	kit	21106
Vu2 Union™ Connector Kit	0.45/0.50 & 0.53mm	kit	21107
Knurled nut		2-pk.	21108

NOTE: Not recommended for GC column-to-MS connections—use a Vacuum Vu-Union® (see our catalog for additional information).

\* Patent pending.



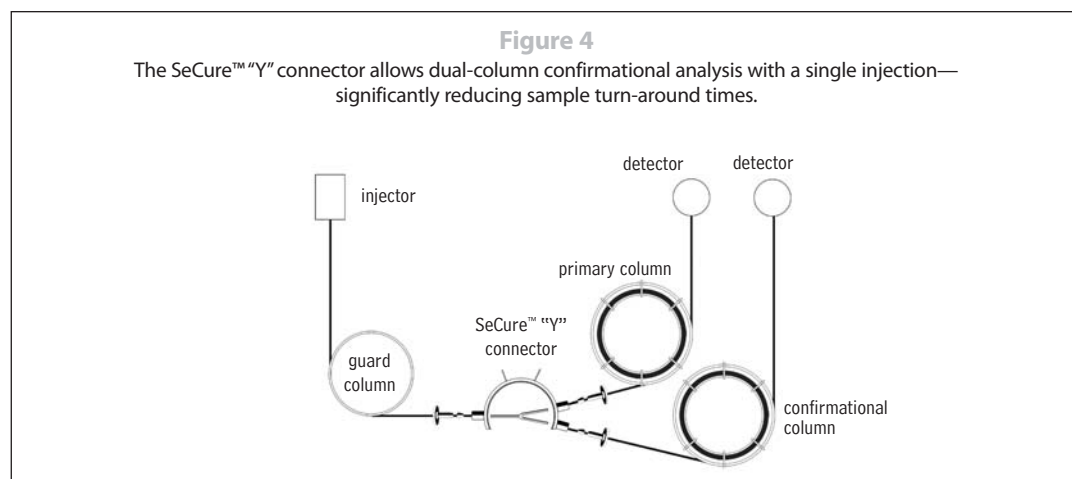
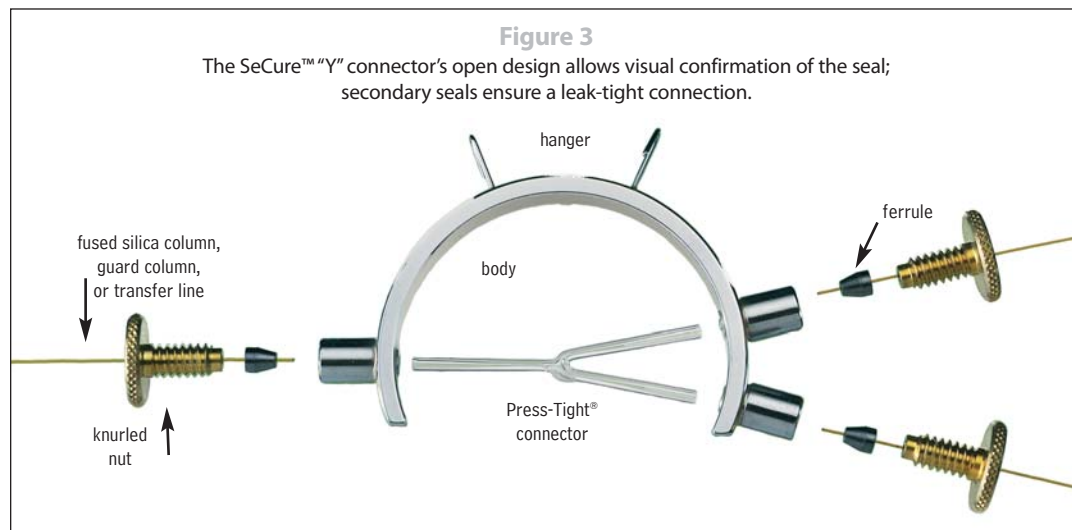
# SeCure™ “Y” Connectors

- Connect two analytical columns to a transfer line or guard column.
- Use standard “Y” Press-Tight® connectors and 1/16" graphite ferrules.
- Reliable seal integrity; will not unexpectedly disconnect during temperature-programmed analyses.
- Open design allows visual confirmation of the seal, for added confidence in the connection.

Combine the simplicity of a “Y” Press-Tight® connector with the strength of a metal union. The “Y” Press-Tight® connector joins two fused silica columns and a guard column together. The ferrules and knurled nuts hold the fused silica tubing in place, which prevents the tubing from unexpectedly disconnecting, even at temperatures as high as 400°C.



Patent pending.



Kits include: SeCure™ “Y” connector body, 3 knurled nuts, 1 “Y” Universal Press-Tight® union, and 3 ferrules

Description	Ferrules Fit Column ID	qty.	cat.#
SeCure™ “Y” Connector Kit	0.25/0.28mm	kit	20276
SeCure™ “Y” Connector Kit	0.28/0.32mm	kit	20277
SeCure™ “Y” Connector Kit	0.45/0.53mm	kit	20278
Knurled nut		3-pk.	20279

# Accessories for Vu2 Union™ & SeCure™ “Y” Connectors

## Graphite Ferrules

- High-purity, high-density graphite.
- Stable to 450°C.
- No binders that can off-gas or adsorb analytes.
- Smooth surface and clean edges.



## for Vu2 Union™ Connectors

Ferrule ID	Fits Column ID	Graphite 2-pk.	Graphite 10-pk.
0.4mm	0.18–0.25mm	20280	20281
0.5mm	0.28/0.32mm	20282	20283
0.8mm	0.45/0.50 & 0.53mm	20284	20285

## for SeCure™ “Y” Connectors

Ferrule ID	Fits Column ID	Graphite 10-pk.	Graphite 50-pk.
0.4mm	0.25/0.28mm	20200	20227
0.5mm	0.28/0.32mm	20201	20228
0.8mm	0.45/0.53mm	20202	20224

## Universal Press-Tight® Connectors

- Connect a guard column to analytical column.
- Repair a broken column.
- Connect a column outlet to a transfer line.



Description	5-pk.	25-pk.	100-pk.
Universal Press-Tight® Connectors	20400	20401	20402
Siltek™-treated Universal Press-Tight® Connectors	20480	20449	20481

## Universal “Y” Press-Tight® Connectors

- Split sample flow onto two columns.
- Split a single column flow to two detectors—perform confirmation analysis with a single injection.
- Fit column ODs from 0.33–0.74mm (Restek 0.1mm–0.53mm ID).



An alternative method of performing dual-column confirmational analyses!

Description	ea.	3-pk.
Universal “Y” Press-Tight® Connector	20405	20406
Siltek™-treated Universal “Y” Press-Tight® Connector	20485	20486

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