

# CarboFrit™ Inlet Liner Packing

(cat.# 20294, 20295)

CarboFrit™ plugs are specifically designed to be slightly larger in OD than the 4mm ID of glass liners. This allows the CarboFrit™ plug to conform to the ID of the glass liner, preventing voids in the packing. For easier installation, and to reduce the possibility of flaking or creating particle debris, moisten the CarboFrit™ plug with methanol or methylene chloride before installing it into the liner.

## Installation Instructions

1. Using your fingers (gloves are recommended), *carefully* push the CarboFrit™ plug inside the liner until flush with the glass. Care should be taken to keep the frit straight while inserting to prevent excess fragmentation.
2. Push the CarboFrit™ plug the recommended distance into the liner with the forked end of a Restek CarboFrit™ puller/insertor (cat.# 21642).

### *Recommended installation distances:*

#### *Open bore liners:*

8mm from the bottom of the liner.

#### *Single Gooseneck liners:*

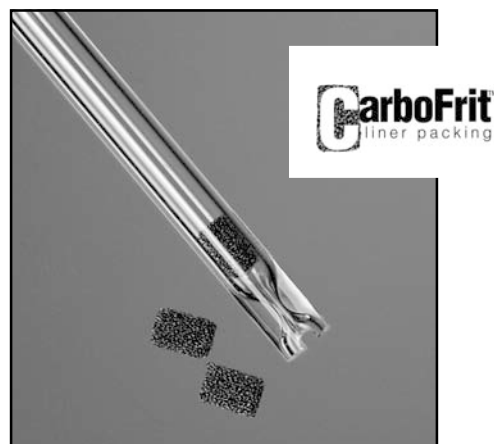
13mm from the bottom of the liner at the gooseneck end.

3. Rinse the liner from both ends with methylene chloride to clean the packing and remove debris.
4. Flush the liner with a  $\leq 60$ psi nitrogen purge from both ends to evaporate the remaining solvent.
5. Inspect the liner for any debris. If residual particles are still present repeat steps 3 and 4. If the liner is free of particle debris, inspect it again to ensure all solvent has been evaporated. If packing still appears wet, repeat step 4.

*Wear safety glasses at all times. Perform steps 3 and 4 in a fume hood.*

## Removal Instructions

1. To remove the CarboFrit™ plug from an open bore liner, simply push the frit from one end using the forked end of a Restek CarboFrit™ puller/insertor (cat.# 21642) until the plug exits the liner.
2. To remove the CarboFrit™ plug from a single gooseneck liner, push the hooked end of a Restek CarboFrit™ puller/insertor completely through the frit. Twist the puller gently to hook the CarboFrit™ material and pull out the open end of the liner.
3. Solvent rinse and dry the liner as described in steps 3 and 4 of the installation instructions.



**Call Technical Service at 800-356-1688 or 814-353-1300, ext. 4 (or your local Restek representative) if you have any questions about this product or any other Restek product.**



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**Restek USA:** 110 Benner Circle, Bellefonte, PA 16823  
phone: (800) 356-1688 or (814) 353-1300 • fax: (814) 353-1309; [www.restekcorp.com](http://www.restekcorp.com)  
**Restek GmbH:** phone: (49) 06172 2797 0 • email: [RESTEK-GMBH@t-online.de](mailto:RESTEK-GMBH@t-online.de)  
**Restek France:** phone: (33) 01 60 78 32 10 • email: [restekfr@club-internet.fr](mailto:restekfr@club-internet.fr)  
**Thames Restek UK Ltd.:** phone: (44) 01753 624111 • email: [Sales@Thamesrestek.co.uk](mailto:Sales@Thamesrestek.co.uk)  
**Thames Restek Scotland Ltd.:** phone: 0870 241 1247 • email: [Sales@Thamesrestek.co.uk](mailto:Sales@Thamesrestek.co.uk)  
**Restek Ireland:** phone: (44)2 890 814 576 • email: [dmannusrestek@compuserve.com](mailto:dmannusrestek@compuserve.com)