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# Restek International

## Your Global Source for Restek Products, Support, & Service!

Restek is committed to meeting the needs of our customers worldwide. What's the best way to do that? Provide global customer service and innovation that exceeds your expectations.



Over the past year, we have increased resources in our International Sales Team to ensure that we exceed your needs and provide the best customer service in the chromatography industry. We have expanded our international dealer network to allow us to better service the needs of chromatographers in every corner of the world. We update our dealers list throughout the year to provide exceptional service to all chromatographers worldwide as global needs change. Visit [www.restek.com](http://www.restek.com) for the most up-to-date list.

### Our Team

Our team members bring many years of experience in chromatography and are highly trained to understand international customer needs. We are supported by the knowledge, experience, and expertise of more than 250 Restek chromatography specialists, product managers, manufacturing chemists, customer service, technical service, and shipping professionals.

We value our relationship with you and look forward to serving the needs of our international dealers and customers. Contact us and let us know how we can best meet your chromatography needs. To locate your local Restek distributor, please refer to pages 4–5 in the catalog, or visit our website at

[www.restek.com](http://www.restek.com)

our **GOAL...**

to be "The Company that Chromatographers Trust" worldwide!





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Restek's international sales managers are trained to assist customers in choosing chromatography supplies to optimize performance and improve laboratory efficiency. They build the awareness of Restek products throughout the world by offering distributor training, attending trade shows and technical symposiums, and establishing distribution channels in the global chromatography market. For countries not listed in the catalog or on [www.restek.com](http://www.restek.com), please contact Karen Kishbach.

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## map guide

pages 4 & 5

- Dave Mannus
- Eric Steindl
- Eberhardt Kuhn

## for more info

see **pages 4 & 5** to locate your Restek international subsidiary or distributor. Visit [www.restek.com](http://www.restek.com) for recent updates.

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Restek's customer service representatives provide Plus 1 service to our subsidiaries and distributors to insure that customers throughout the world get the products they order when they need them.



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## map guide

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- Eric Steindl
- Eberhardt Kuhn
- US Sales Team

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e-mail: info@interscience.nl

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Fax: +968-2450 4809  
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Fax: 84 4 5118391  
e-mail: Stepro@fpt.vn

## Vina Chromscience Co., Ltd

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## European countries

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Fax: +44 (0)2890 814576  
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### Other countries not listed:

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e-mail: IntlPlusOne@restek.com



www.restek.com

5



# Returns & Warranty

## important note

If you purchased the product through a distributor, you must obtain return authorization through that distributor.

## General Warranty Information

Restek warrants the products it manufactures, except those specifically exempted, to be free from defects in materials and workmanship for ninety (90) days from the date of shipment. This warranty is limited to the original purchaser of the product and is not transferable.

During the warranty period Restek will, at its option, either repair or replace a defective product, or return to purchaser the price of the item. This limited warranty does not extend to any products that have been damaged as a result of accident, misuse, abuse, or service or modification by anyone.

Except as expressly set forth above, no other warranties are expressed or implied including, but not limited to, any implied warranties of merchantability and fitness for a particular purpose, and Restek expressly disclaims all warranties not stated herein. In the event the product is not free from defect as warranted above, the purchaser's sole remedy shall be as provided above. Under no circumstances will Restek be liable to the purchaser or any user for any damages, including the incidental or consequential damages, expenses, lost profits, lost savings or other damages arising out of the use or inability to use the product.

This warranty shall not be applicable to the extent that any provision of this warranty is prohibited by any federal, state, or municipal law that cannot be preempted.

## Returns Information/Return Material Authorization (RMA) *(outside the U.S.—contact your local Restek representative)*

If you have a problem with a product, contact Restek's Technical Service Department. Often, we can resolve a problem over the phone, saving you the time and effort of returning an item. Please be prepared to provide the following information:

- Name, company name, address, and phone number
- Product name, catalog number, lot and/or serial number, and quantity
- Purchase order and/or invoice number (including where purchased if other than directly from Restek)
- Detailed description of the problem

If we are unable to resolve the problem, our technical service representative will issue an RMA. Chemical standards must be returned within 10 days from the date the RMA is issued; all other products must be returned within 30 days. If a product is not returned within the time limit, or is returned without an RMA, Restek can refuse to accept it for evaluation or credit.

A completed, signed **Health & Safety Declaration** ([www.restek.com/health-safety](http://www.restek.com/health-safety)) must accompany all returns of products that have been used. Please include the completed document with the returned product.

## Problems with your order *(outside the U.S.—contact your local Restek representative):*

Call **Returns Coordinator** at **(800)356-1688, ext. 2146**, if you have problems such as:

- You've received the wrong part or quantity
- The item you've received is broken or damaged
- Items were omitted from the order

If you are returning a product because of an ordering error by the person placing the order, credit is issued less a 10% restocking fee. There is no fee if Restek was responsible for the error. An ordering error must be brought to our attention within ten (10) days after the product is shipped, and the product must be returned unused and in good condition. We cannot issue credit if the product cannot be returned to stock because it is used or damaged.

## Product functioning problems *(outside the U.S.—contact your local Restek representative):*

Call **Technical Service** at **(800)356-1688, ext. 4**, if you have problems such as:

- You can't get a product to perform properly
- You can't duplicate an application chromatogram in our literature
- Instructions for using a product are unclear

## Replacement/Repair Policies *(outside the U.S.—contact your local Restek representative)*

Columns and most consumables normally will be evaluated within seven working days after receipt, unless there are unusual or special circumstances. If you need a replacement immediately, we can send a new product (except for electronic products), but we must invoice you for the item. Credit is issued to your account if the returned product is determined to be defective. If the problem was system-related or was caused by improper use or handling, the item will be returned to you, and the replacement invoice is due. We cannot restock used or damaged items.

Restek will honor the original warranty of resale electronic products. However, if the item is not under warranty, the customer is responsible for all repair costs charged by the vendor.

## Contact us:

Contact us for an RMA and return shipping instructions prior to sending the product back:

### U.S. Customers

**RA Coordinator:**  
**800-356-1688, ext. 2146**  
Fax: 814-353-1570

**Technical Service**  
**800-356-1688, ext. 4**  
Fax: 814-353-1568  
e-mail: [support@restek.com](mailto:support@restek.com)

### International Customers

**Contact your local Restek representative.**  
If you purchased the product through a distributor, you must obtain return authorization through that distributor.

**Please note:** We cannot accept return products without prior authorization.

U.S. Version - Prices valid thru 12/31/09. Restek reserves the right to change prices without notice.

# What's **NEW!** in 2009



## GC Columns

- GCxGC Selectivity Kit, *page 34*
- Rxi®-35Sil MS, *page 44*
- Rxi®-5HT, *page 44*
- Rxi®-17, *page 45*
- Stabilwax® (new manufacturing procedure), *page 57*
- Rtx®-1PONA (new dimensions), *page 68*
- MXT®-1HT Sim Dist (new dimension), *pages 70, 107*
- MXT®-Biodiesel (new dimensions), *pages 72, 107*
- Rtx®-Biodiesel (new dimensions), *page 72*
- Rtx®-1614, *page 83*
- Tubing Scorer for MXT® Columns, *pages 105, 204*

### PLOT Columns

- Rt®-Alumina-BOND, *page 98*
- MXT®-Msieve 5A, *page 99*
- Rt®-Q-BOND, *page 100*
- Rt®-S-BOND, *page 100*
- Rt®-U-BOND, *page 100*
- PLOT Column Particle Trap, *page 100*



## HPLC Columns

### Prep Columns

- Allure® Biphenyl, *page 324*
- Allure® PFP Propyl, *page 324*
- Viva C18, *page 325*
- Viva C8, *page 325*
- Viva C4, *page 325*
- Pinnacle® DB Aqueous C18, *page 325*
- Pinnacle® DB Biphenyl, *page 325*
- Pinnacle® DB PFP Propyl, *page 325*
- Pinnacle® DB IBD, *page 325*

### UHPLC Columns

- Pinnacle® DB C8, 1.9µm, *page 298*
- Pinnacle® DB PAH, 1.9µm, *pages 298, 305*
- Pinnacle® DB X3 C18, 1.9µm, *pages 298, 305*
- Pinnacle® DB IBD, 1.9µm, *pages 298, 305*





# GC Accessories

- Restek Electronic Leak Detector, *pages 137, 201, 222*
- Application Specific Deactivated Wool, *page 144*
- The Claw & The Claw Holder Kit, *pages 145, 160, 185, 206*
- GC/MS Cleaning Kit, *page 166*
- Vespel®/Graphite Ferrules, Two-Hole (0.4mm & 0.5mm), *pages 197, 211*
- Silicone Column Caps, *page 205*
- MXT™ Low-Dead-Volume Connector Kit for Metal Columns, *page 218*
- MXT™ Low-Dead-Volume "Y" Connector Kit for Metal Columns, *page 218*
- 1/32" Stainless Steel Replacement Ferrules for MXT™ Connectors, *page 218*
- Wall Mounted Cylinder Holders, *page 236*
- Swagelok® Fittings and Kits (Brass & Stainless Steel), *page 237-238*

## Supplies for Agilent GCs

- Drilled Cyclo Uniliner®, hole near top, *page 148*
- Hot Swap Capillary Column Nut, *page 151*

- 1/16" Capillary Inlet Adaptor Fitting Kit, *page 157*
- Inlet Adaptor Kit for Dual Column Installation, *pages 162, 197*
- ETP Electron Multipliers for Mass Spectrometry, *page 165*
- Inland 45 Pump Oil, *page 166*
- Capillary Dedicated FID Replacement Jet, High-Temp, 0.018" ID tip, *page 169*

## Supplies for Shimadzu GCs:

- Double Gooseneck Splitless Liner, *page 178*
- 2mm Gooseneck Splitless Liner, *page 178*
- Laminar Cup Splitter, *page 178*
- Viton® O-Rings, *page 180*
- Graphite Ferrules, *pages 180, 212*

## Supplies for Thermo Scientific GCs:

- Gold-Plated Liner Cap for Split/Splitless Injector, *page 188*
- Siltek® Treated Adaptors for Capillary Columns, *page 189*
- FID Jet, *page 189*
- ETP Electron Multiplier for Mass Spectrometry, *page 191*







## Vials & Syringes

- Insert for 2.0mL Crimp-Top & Short-Cap, Screw-Thread Vials, *page 256*
- Certified Autosampler Vial Kits, *page 257*
- 2.0mL Sample Vial Racks, *pages 258, 265*
- Screw-Top Headspace Vials, *page 263*
- Magnetic Screw-Thread Caps, *page 263*
- Norm-Ject® Plastic Syringes, *pages 269, 289*



## HPLC Accessories

- Replacement Cap Frits: 2mm, 0.5µm (for Trident Guard Cartridges), *page 327*
- Waste Overflow Indicator for HPLC Systems, *page 341*
- HPLC PEEK™ Performance Kit, *page 344*



## Sample Preparation

- Resprep™ SPE Cartridges, Florisil®, *page 356*
- QuEChERS SPE Tubes (expanded offering), *page 359*
- Cellulose Acetate Syringe Filters, *page 363*
- PEEK™ Washers for ASE® 200 Systems, *page 364*
- Pressure Relief Valve for ASE® Systems, *page 365*
- Static Valve for ASE® Systems, *page 365*
- Autoseal Tip Assemblies for ASE® Systems, *page 365*





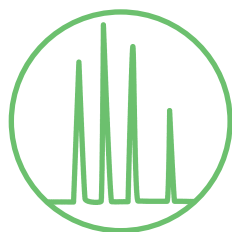
## Air Monitoring

- Vacuum Gauge, *page 374*
- Sample Inlets, *page 377*
- Quick-Connect Stem Protector, *page 378*
- Miniature Air Sampling Kits, *page 379*
- Vacuum Bag Sampler, *page 379*
- Small Cylinder Stand, *page 386*
- TPED Compliant Sample Cylinders, *page 390*



## Analytical Reference Materials

- Method 525.2 Herbicide Analytes, *page 414*
- Method 525.2 Herbicide Mix, *page 414*
- Method 535 Internal Standard, *page 417*
- Method 535 Surrogate Standard, *page 417*
- Method 535 Individual Compounds, *page 417*
- EPA 8061A Phthalate Esters Mixture, *page 428*
- EPA 8061A Hexyl 2-Ethylhexyl Phthalate Standard, *page 428*
- EPA 8061A Phthalate Esters Kit, *page 428*
- Pesticide Surrogate Mix, EPA 8080, 8081, *page 429*
- Oxy Set-Up Blend, ASTM D6730-01, *page 471*
- 0.16µg/dL Forensic Ethanol Solution, *page 477*
- Forensic Drug Screen Test Mixture, *page 478*
- Forensic Drug Screen Internal Standard, *page 478*



## Applications

**Too many to list!** Look for the **NEW!** symbol in the HPLC and GC Applications sections beginning on page 488.



# Restek Learning Network

**Widely acclaimed Restek seminars reduce guesswork, improve throughput and reliability, and raise confidence in generated data.**

Each course delivers a wealth of information in a professional, non-promotional, multimedia format featuring animations and problem-solving exercises that reinforce understanding of important principles. A mixture of introductory, intermediate, and advanced elements makes these presentations suitable for people at all experience levels, from beginners in chromatography to experienced analysts who want to revisit the fundamentals and get an introduction to the newest techniques.

## Comprehensive GC

- Provides a sound understanding of gas chromatography fundamentals.
- Presents current best practices and introduces the latest developments in capillary GC.
- Expands your knowledge and improves your ability to select stationary phases/column dimensions, choose injection techniques, optimize detector and analytical conditions, and conduct routine maintenance and troubleshooting.

**Major topics include:** Introduction to GC, Column Selection, Inlet Systems, Detectors, and Maintenance and Troubleshooting.

## Comprehensive LC

- Details fundamentals, best practices, and latest developments in HPLC.
- Gain tools for selecting the correct stationary phase and column format, choosing mobile phases, optimizing a detection system, and conducting routine maintenance and troubleshooting.
- Highlight—a detailed discussion of HPLC method development.

**Major topics include:** Introduction to LC, Modern LC Systems, Separation Techniques, Column Selection, Method Development in LC, and Maintenance and Troubleshooting.

## GC/MS

- Provides a solid introduction to the fundamentals and best practices of this widely used technique.
- Gain practical knowledge of mass spectrometric detectors, GC inlet systems and injection techniques, GC column selection, basic spectral interpretation, and maintenance and troubleshooting of GC/MS systems.

**Major topics include:** Introduction to GC/MS, MS Detectors, Inlet Systems, Column Selection, Basic Mass Spectral Interpretation, and Maintenance and Troubleshooting.

## LC/MS

- Provides a sound basis for selecting and optimizing LC/MS systems used for a wide variety of modern applications.
- Benefit from a detailed discussion of interface and analyzer systems, learn how to properly develop an LC/MS method, and examine a variety of practical case studies.

**Major topics include:** Introduction to LC/MS, LC/MS Analyzers, LC/MS Interfaces, LC/MS Method Development, Case Studies, and Troubleshooting and Maintenance of LC/MS Systems.

## Environmental

- Designed for all analysts—from beginner to veteran—to get exactly the information they need for their work on EPA projects.
- Includes both extractables and purgeables sessions, as well as focused information on pesticides and air monitoring.

**Major topics include:** Introduction to Environmental Analysis, Semivolatile Organic Analysis, Volatile Organics Analysis, Pesticides and PCB Analysis, and Ambient Air Analysis.

## Analysis of Petroleum & Petrochemical Products

- Covers a broad range of topics of interest to petrochemical analysts of all experience levels.
- Sections covering GC principles and hardware operation enhance understanding of laboratory and process GC applications.
- Select petrochemical analyses presented in easy to understand animated format.

**Major topics include:** Overview of Petroleum Testing, Basic GC Fundamentals and Theory, GC Detector Design and Function, Sample and Switching Valve Basics, Laboratory and Process Analytical Procedures for Petroleum Products.

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**Meet the new company  
you've known for  
over 20 years!**

**SilcoTek™**  
Driving Innovation

Restek Performance Coating Division is now  
SilcoTek—an independent company!

During the transition to a 100% employee owned company, Restek's Performance Coatings or "RPC" division became an independent company led by Restek's founder Paul Silvis and members of the Performance Coatings team. The new company, called SilcoTek™, will focus on developing new treatment technologies for the passivation, anticoking, automotive, corrosion, and ultra-high vacuum markets. The new organization will remain a key supplier to Restek and Restek will continue to offer Siltek®, Sulfinert®, and Silcosteel® treated products for chromatography markets.

In 1987, Silcosteel® was invented to serve as an alternative means of making fused silica capillary columns. The technology was further refined from 1987 to 2008 with several patents obtained to protect its unique properties. Restek's MXT capillary columns, Siltek® inlet liners, injection ports, and many other chromatography products utilize Silcosteel® Chemical Vapor Deposition (CVD) technology. The first non-chromatography application was in portable bomb sniffers and instruments designed to detect low levels of explosives in airports and public spaces. Since then the technology has found its way into refining and petrochemical plants, industrial fittings and valves, analytical instrument flow paths, aerospace, and the automotive industry.

As Restek grew, it became apparent that this technology had to be separated into its own business to reach its full potential. Restek is a market driven business that focuses on creating products for the chromatography market. SilcoTek™ is a technology



**1985**

Paul Silvis opened Restek for business in one room of an elementary-school-turned-business incubator.



**1987**

Restek invents Silcosteel® coating and successfully applies it to instruments for the analytical industry.



**1993**

Restek develops an approach for treating both the outside and inside of mass spectrometer components.



**1998**

Restek is awarded the first of several patents for surface treatments.



**1999**

Silcosteel®-treated air monitoring system components installed in the space shuttle Discovery.



**2002**

Restek Performance Coatings develops into its own division of Restek, expanding into a state-of-the-art treatment facility.

driven business that focuses on finding new and unique applications for our surface enhancing technologies. Channel conflicts, internal resource conflicts, and customer perceptions that Restek either competed or was only doing CVD coatings as a sideline business hampered the growth of this product line.

Separating SilcoTek™ into a new business will allow the team to focus on innovative treatment solutions for our chromatography customers and will allow us to offer previously unavailable technologies to new markets with material limitations.

The analytical market will remain a key component of SilcoTek's business. If you have custom parts to treat, please contact SilcoTek™ at 814-353-1778 or go online to SilcoTek.com for more information. You will find the same Plus One customer service at SilcoTek™ that Restek is famous for!



Paul Silvis & The SilcoTek™ Team

Contact us at 814-353-1778  
[www.SilcoTek.com](http://www.SilcoTek.com)



***"SilcoTek's consistent supply of high quality Sulfonert-passivated hardware has been a big factor in the ability of our lab to produce high quality trace analysis data to our international customers. You set the standard for excellence."***

**Don Pachuta, Ph.D.**  
**President**

*Airborne Labs International, Inc.*

***"Restek's Performance Coatings group is a world class team and continually goes above and beyond to help make their customers life easier all while supplying a product that is A+++ quality."***

**Brad Rightnour**  
**Owner**

*Rightnour Machining Company*



**2003**

Silcosteel®-AC and Silcosteel®-CR developed.



**2004**

*R&D* magazine recognizes Silcosteel®-UHV as one of the 100 most technologically significant products of the year.



**2004**

Silcosteel®-treated components enter orbit on the Cassini-Huygens Mission to Saturn.



**2006**

Silcosteel® high-performance automotive coatings awarded 2 "Best New Product" awards at SEMA 2006.



**2009**

SilcoTek is formed. The world's largest provider of silicon CVD treatment services.



# SilcoTek Treatments

SilcoTek can treat a wide variety of materials and substrates

## METALS

- Stainless steel (all grades)
- High carbon steel
- Titanium
- Nickel alloys
- Inconel®
- Hastelloy®
- Frit material
- Metal fiber/matting
- Electropolished and rough surfaces

## GLASS

- Ceramics
- Borosilicate glass
- Silica
- Glass/ceramic media
- Diatomaceous earth

## CARBON



## SilcoNert™

The SilcoNert™ families of inert treatments are used for sampling active compounds and where adsorptive effects or moisture can impact sample integrity. SilcoNert™ is the first and last word in assuring the highest level of sample integrity. The SilcoNert™ family includes:

**SilcoNert™ 1000** (Silcosteel®): A general purpose passivation layer for ferrous and non-ferrous metals, glass, and ceramics.

**SilcoNert™ 2000** (Siltek®/Sulfinert®): The ultimate passivation of treated surfaces, from glass to high nickel alloys of steel. A required treatment for metal components when analyzing for parts-per-billion levels of organo-sulfur compounds & mercury. Greatly reduce moisture contamination and improve system performance with SilcoNert™ 2000.

## SilcoKlean™

Carbon buildup due to coking can reduce sample flow and ruin a sampling system. Extend the life of sampling systems by reducing carbon buildup while improving your sample system performance with SilcoKlean™.

**SilcoKlean™1000** (Silcosteel®-AC): Dramatically reduces carbon buildup on stainless steel components.

## Silcolloy™

The Silcolloy™ is a great way to reduce corrosion while extending the life of your analytical system. Save money, improve analytical system performance and avoid the use of costly high performance alloys with Silcolloy™.

**Silcolloy™ 1000** (Silcosteel®-CR): A corrosion resistant layer that increases the lifetime of system components in acidic environments containing hydrochloric acid, nitric acid, or seawater.

## SilcoGuard™

SilcoGuard™ is designed to minimize outgassing in ultra-high-vacuum (UHV) systems. SilcoGuard™ increases productivity, reduces operating costs and reduces contaminants in UHV systems.

**SilcoGuard™1000** (Silcosteel®-UHV): Greatly reduces outgassing from components in ultra-high-vacuum systems.

***"The coatings have been working perfectly! They have opened up the possibilities of making intricate metal pieces chemically inert to allow us to transport electronically excited gases. In the past, we were limited to using brittle quartz tubes and fittings; now we can use all Silcosteel coated stainless steel parts."***

**Tim Ombrello**  
Princeton University





## Industries Served **SilcoTek™ has provided solutions to:**

### • **Laboratories**

save thousands in needless retests caused by high surface activity through the use of SilcoNert™ treated analytical flow paths.

### • **Refiners**

save millions yearly by detecting plant upsets sooner with SilcoTek™ treated sampling systems.

### • **Natural gas producers**

are able to precisely assess feed stock quality with SilcoNert™ sample cylinders.

### • **Semiconductor manufacturers**

eliminate yield-robbing contamination with Silcolloy™ treated process systems.

### • **Chemical and petrochemical plants**

save down time and maintenance costs by reducing corrosion in process systems treated with Silcolloy™.

### • **Research & semiconductor operations**

improve throughput by speeding pump-down rates in vacuum processes, using SilcoGuard™ treatment.

### • **NASA**

has improved analytical instrument durability and sensitivity by treating analytical pathways with SilcoNert™ coating.

### • **Power plants**

nationwide are able to cost effectively detect mandated mercury emissions, using SilcoNert™ treated systems.

### • **Chemical process plants**

improve inertness and corrosion resistance saving thousands.

### • **Environmental**

continuous emissions monitor response is improved by orders of magnitude with SilcoNert™.

### • **Alternative energy providers**

improve corrosion resistance and low level sulfur response.

### • **Aerospace**

suppliers have reduced coking in jet engines with SilcoKlean™

**To learn how SilcoTek™ can meet your process or materials challenge, contact our technical service group at 814-353-1778, or visit us on the web at [www.SilcoTek.com](http://www.SilcoTek.com).**

## Treated Products for Chromatography

SilcoTek™ surface treatments have found many applications worldwide, from analytical laboratories to refineries to semiconductor operations. Makers of scientific instruments have benefited from SilcoTek™ treatments since the mid 1990s, allowing detection of compounds at the parts-per-trillion level. The chromatographer will realize these benefits when treating sample pathways, from injector to detector. Restek offers a full line of coated accessories for the chromatography market. Available from Restek for immediate delivery, some treated chromatographic products include:

- MXT® columns (pages 104-111)
- Inlet liners (see the Instrument Supplies section, beginning on page 134)
- Inlet seals (pages 152-153)
- FID jets (see the Instrument Supplies section, beginning on page 134)
- Injection ports (pages 154-156)
- Tubing and fittings (pages 238-245)
- SilcoCan® air monitoring canisters (pages 370-371)
- Sample cylinders and valves (page 390)
- Sample loops (page 391)

**SilcoTek™ also offers treatments on a custom basis.**

**Specialized items in your laboratory can benefit by having an inert surface.**

## How to send parts to SilcoTek™ for treatment.

### **Step 1: Get a quote!**

We make it easy with quote options to fit your needs. Visit our website [www.SilcoTek.com](http://www.SilcoTek.com) and complete our quote request.

E-mail your quote request to [support@SilcoTek.com](mailto:support@SilcoTek.com)

Fax your quote request to 814-353-1697

Call us! 814-353-1778

### **Step 2: Send in your parts for custom treatment to SilcoTek™**

Follow the mailing instructions included with your quote. Box up your parts and send them to us at 112 Benner Circle, Bellefonte, PA 16823. Your order will be processed in 10 working days or less.

Our treatments maximize the performance of your analytical instrument—giving you accurate analytical results the first time, every time! Saving you thousands in improved yields, better test cycle times and improved system reliability.

**We'll get a quote out to you within 24 hours!**