

restek  
innovation!

Silcoport™—the most inert solid support available!

### did you know?

#### Silcoport™ support replaces

- Supelcoport™
- Chromosorb® W HP
- GasChrom® Q

#### Silcoport™ W BW support replaces

- GasChrom® Q

### Silcoport™ Support Materials Outperform Any Deactivated Diatomaceous Earth Supports Available!

- Superior deactivation technology for improved inertness.
- Available in 80/100 and 100/120 mesh.
- Uniform particle distribution for maximum efficiency.

The increased sensitivity of modern detection systems and the desire to reduce detection limits requires a solid support to meet the challenging demands faced by analysts. Silcoport™ supports from Restek are the perfect match for highly inert SilcoSmooth™ tubing. Unlike conventional dimethyldichlorosilane (DMDCS) deactivation, Silcoport™ incorporates our proprietary fused silica deactivation technology on diatomaceous earth solid supports. Silcoport™ supports were developed using a special mixture of deactivants that yields the highest inertness without changing the polarity of the stationary phase. Each batch is carefully tested for particle size distribution, to ensure maximum efficiency. Inertness is confirmed by the analysis of a 50pg pesticide mixture.

### Silcoport™ Packings

| Description        | Temp. Limit (°C) | Mesh    | Min. Qty.† | cat.# |
|--------------------|------------------|---------|------------|-------|
| Silcoport™ P*      | 400              | 80/100  | 100g       | 25641 |
|                    | 400              | 100/120 | 100g       | 25642 |
| Silcoport™ W**     | 400              | 80/100  | 100g       | 25689 |
|                    | 400              | 100/120 | 100g       | 25673 |
| Silcoport™ W BW*** | 400              | 100/120 | 100g       | 25674 |

\*Prepared from Chromosorb® P; Restek acid washed deactivation.

\*\*Prepared from Chromosorb® W; Restek acid washed deactivation.

\*\*\*Prepared from Chromosorb® W; Restek base washed deactivation.

†Bulk quantities are available.

### please note

Silcoport™ is available uncoated or coated with the liquid stationary phase of your choice on 80/100 or 100/120 mesh sizes. Call Restek at 800-356-1688 or 814-353-1300, ext. 3, or contact your Restek representative, for pricing and availability.

### CarboBlack Packings

| Description                                 | Temp. Limit (°C) | Mesh   | Min. Qty. | cat.# |
|---|------------------|--------|-----------|-------|
| CarboBlack B                                | 500              | 60/80  | 10g       | 25500 |
|   | 500              | 80/120 | 10g       | 25501 |
| CarboBlack C                                | 500              | 60/80  | 10g       | 25502 |
|   | 500              | 80/100 | 10g       | 25503 |
| CarboBlack BHF-100                          | 150              | 40/60  | 10g       | 25504 |
| CarboBlack III (F)                          | 175              | 80/100 | 10g       | 25506 |
| 5% Carbowax® 20m on CarboBlack B            | 225              | 80/120 | 10g       | 25507 |
| 6.6% Carbowax® 20m on CarboBlack B          | 225              | 80/120 | 10g       | 25508 |
| 4% Carbowax® 20m / 0.8% KOH on CarboBlack B | 220              | 60/80  | 10g       | 25509 |
| 0.19% picric acid on CarboBlack C           | 120              | 80/100 | 10g       | 25510 |
| 4% Carbowax® 20m on CarboBlack B-DA         | 200              | 80/120 | 10g       | 25511 |