



THE ONLY SOLUTION FOR HIGH THROUGHPUT SCREENING



DEEP WELL PLATES



DEEP WELL PLATES

Our Deep Well Plates are made from solvent resistant, low extractable polypropylene.

- Available in 48 and 96 well configurations.
- Compatible with Robotic and Liquid Handling technologies including: Beckman, Bohdan, Caliper, Gilson, Hamilton, PerkinElmer, Tecan and Tomtec.
- Compatible manifold system is also available.

SOLID PHASE SORBENT SELECTION

Reverse Phase (Hydrophobic)

| SORBENT | STRUCTURE |
|--------------------|--|
| C2 ethyl | -SiCH ₂ CH ₃ |
| C3 propyl | -Si-(CH ₂) ₂ CH ₃ |
| C4 n-butyl | -Si-(CH ₂) ₃ CH ₃ |
| Ci4 isobutyl | -Si-CH ₂ CH(CH ₃) ₂ |
| Ct4 tertiary butyl | -Si-C(CH ₃) ₃ |
| C5 pentyl | -Si-(CH ₂) ₄ CH ₃ |
| C6 hexyl | -Si-(CH ₂) ₅ CH ₃ |
| C7 heptyl | -Si-(CH ₂) ₆ CH ₃ |
| C8 octyl | -Si-(CH ₂) ₇ CH ₃ |
| C10 n-decyl | -Si-(CH ₂) ₉ CH ₃ |
| C12 n-dodecyl | -Si-(CH ₂) ₁₁ CH ₃ |
| C18 octadecyl | -Si-(CH ₂) ₁₇ CH ₃ |
| C20 eicosyl | -Si-(CH ₂) ₁₉ CH ₃ |
| C30 tricontyl | -Si-(CH ₂) ₂₉ CH ₃ |
| Cyclohexyl | -Si-  |
| Phenyl | -Si-  |

Normal Phase (Hydrophilic)

| | |
|-----------------|---|
| Silica | -SiOH |
| Diol | -Si-(CH ₂) ₃ OCH ₂ CHOHCH ₂ OH |
| Cyanopropyl | -Si-(CH ₂) ₃ CN |
| Florisil® | |
| Alumina-Acid | |
| Alumina-Neutral | |
| Alumina-Base | |
| Carbon | |

Ion Exchange

Anion

| | |
|------------------------------------|---|
| Aminopropyl (1° amine) | -Si-(CH ₂) ₃ NH ₂ |
| PSA N-2 Aminoethyl (1° & 2° amine) | -Si-(CH ₂) ₃ NH(CH ₂) ₂ NH ₂ |
| Diethylamino (3° amine) | -Si-(CH ₂) ₃ N(CH ₂ CH ₃) ₂ |
| Quaternary Amine Chloride | -Si-(CH ₂) ₃ N+(CH ₃) ₃ Cl ⁻ |
| Quaternary Amine Hydroxide | -Si-(CH ₂) ₃ N+(CH ₃) ₃ CH ₃ C ₂ ⁻ |
| Quaternary Amine Acetate | -Si-(CH ₂) ₃ N+(CH ₃) ₃ OH ⁻ |
| Quaternary Amine Formate | -Si-(CH ₂) ₃ N+(CH ₃) ₃ CHO ₂ ⁻ |
| Polyimine | -Si-(CH ₂) ₃ -R-[NHCH ₂ CH ₂] _x |

Cation


| | |
|--------------------------------|--|
| Carboxylic Acid | -Si-CH ₂ COOH |
| Propylsulfonic Acid | -Si-(CH ₂) ₃ SO ₃ H |
| Benzenesulfonic Acid | -Si-(CH ₂) ₂ -  -SO ₃ H |
| Benzenesulfonic Acid High Load | -Si-(CH ₂) ₂ -  -SO ₃ H |
| Triacetic Acid | Si-(CH ₂) ₃ NH-(CH ₂)-N(CH ₂ COOH) ₂ CH ₂ COOH |

SORBENT

STRUCTURE


Copolymeric (Multifunctional Phases)*

Aminopropyl + C8
Quaternary Amine + C8
Carboxylic Acid + C8
Propylsulfonic Acid + C8
Benzenesulfonic Acid + C8
Cyanopropyl + C8
Cyclohexyl + C8

-Si-(CH₂)₃NH₂ & -Si-(CH₂)₇CH₃
-Si-(CH₂)₃N+(CH₃)₃ & -Si-(CH₂)₇CH₃
-Si-CH₂COOH & -Si-(CH₂)₇CH₃
-Si-(CH₂)₃SO₃H & -Si-(CH₂)₇CH₃
-Si-(CH₂)₂--SO₃H & -Si-(CH₂)₇CH₃
-Si-(CH₂)₃CN & -Si-(CH₂)₇CH₃
-Si-O & -Si-(CH₂)₇CH₃

Covalent Phases

Epoxy
Aldehydic
Isocyanate
Thiopropyl

-Si-(CH₂)₃-O-CH₂--CH₂
-Si-(CH₂)₄CHO
-Si-(CH₂)₃NCO
-Si-(CH₂)₃SH

*UCT manufactures true copolymeric sorbents by dually reacting their high purity silicas. The product is not a mixed bed sorbent.



DEEP WELL PLATES

PRICES AND TERMS

Our prices are subject to change without notice. The price in effect when we receive your order will apply. All prices are in US Dollars and are F.O.B. Lewistown, PA 17044. Terms of payment are net 30 days.

MINIMUM ORDERS

We welcome all orders, therefore, we do not have a minimum order requirement. When ordering, please include your purchase order number, complete "Ship To" and "Bill To" address, catalog number, quantity, and description of product(s). Also include your name and a phone number where you can be reached should we have any questions concerning your order.

SHIPMENTS

Normal processing is within 24 hours after receipt of an order. Unless special shipping requests have been made, our trained staff will send all orders by UPS Ground service. The appropriate shipping charges (freight & insurance costs) will be added to the invoice, unless otherwise instructed by the customer.

SPECIAL PRICING

We offer special pricing for volume purchases and standing orders. These discounts apply to bonded phase extraction column purchases only. Please call a sales representative for more information on special pricing qualifications.

RETURN POLICY

Our Quality Manager will handle all returns. Before returning merchandise, please call to obtain a return authorization number from the quality manager. We will need to know the reason for the return, date of purchase, purchase order number and invoice number in order to issue a return authorization number. Return merchandise must be received before a credit can be issued. Returns will not be accepted after 90 days. A restocking fee of 25% of the price paid, or a minimum of \$25.00 (whichever is greater) will be charged on all returns.

WARRANTY

All products manufactured by UCT are guaranteed against defects in materials and workmanship for a period of 90 days after shipment. UCT will replace any items that prove to be defective during this time period. The exclusive remedy requires the end user to first advise UCT of the defective product by phone or in writing and must include order number, the lot number and the shipping date.

To initiate this action, photographs of the product, including packaging and labeling of the containers, must be submitted to the UCT Representative for approval. With approval a return authorization can be initiated, and must be received within 30 days. Once the materials arrive at UCT a further inspection of the materials must be completed and accepted by our Quality Manager prior to further action of credits or replacement. UCT's total liability is limited to the replacement cost of UCT products.

This warranty does not apply to damage resulting from misuse.

Contact Us

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