

Reliasil

Beneficial for its Chemical stability and effectiveness in the reversed phase separations of peptide, pharmaceuticals, and derivatized amino acids. Excellent mechanical and chemical stability, super efficiency, wide variety of phases, rugged.

Phases: Silica, C1, C4, C8, C18, NH₂, CN, Phenyl, SCX, SAX,

pH Range: 2-8.5,

Surface Area: 190 m²/g, **Pore Size:** 90, 300 Å,

Particle Size: 3,5,10 µm **Pore Volume:** 0.55

Orosil

Polar Semi-Polar and Non-Polar Compounds at low to medium pH. High Hydrophobicity, Intermediate polarity

Phases: C8, C18

pH Range: 1.5-9.0

Surface Area: 380 m²/g, **Pore Size:** 100 Å,

Particle Size: 3,5µm

Orosil Polar C18

Particularly advantageous for difficult separation involving polar and semi-polar Compounds. High hydrophobicity, strong polarity

Phases: C18

pH Range: 1.5-9.0

Surface Area: 190 m²/g, **Pore Size:** 90 Å,

Particle Size: 3,5,10, 20, 50 µm **Pore Volume:** 0.55

Prestige

Next Generation of Highly base-deactivated stationary phases. Double end-capping and narrow particle range contributes to superior base-deactivation and low backpressure.

Phases: C8, C18

pH Range: 2-8.5,

Surface Area: 320 m²/g, **Pore Size:** 100 Å,

Particle Size: 3,5,10 µm **Pore Volume:** 0.55

Matrix

a. Matrix C18- base-deactivated, ultra high purity silica gel, densely bonded to produce an inert ideally suited for the analysis for the basic compounds b. Matix C18 AQ- Polar analysis in high Aqueous Mobile phases. Interspersed with hydrophilic end-capping group.

Phases: C8, C18, C18AQ, NH₂

pH Range: 2-9.0,

Surface Area: 300 m²/g, **Pore Size:** 100 and 300 Å,

Particle Size: 3,5 µm **Pore Volume:** 0.95

Gazelle

Gazelle UHPLC columns offer the chromatographer significantly increased throughput, low solvent consumption, inline process monitoring, and improved LC-MS results

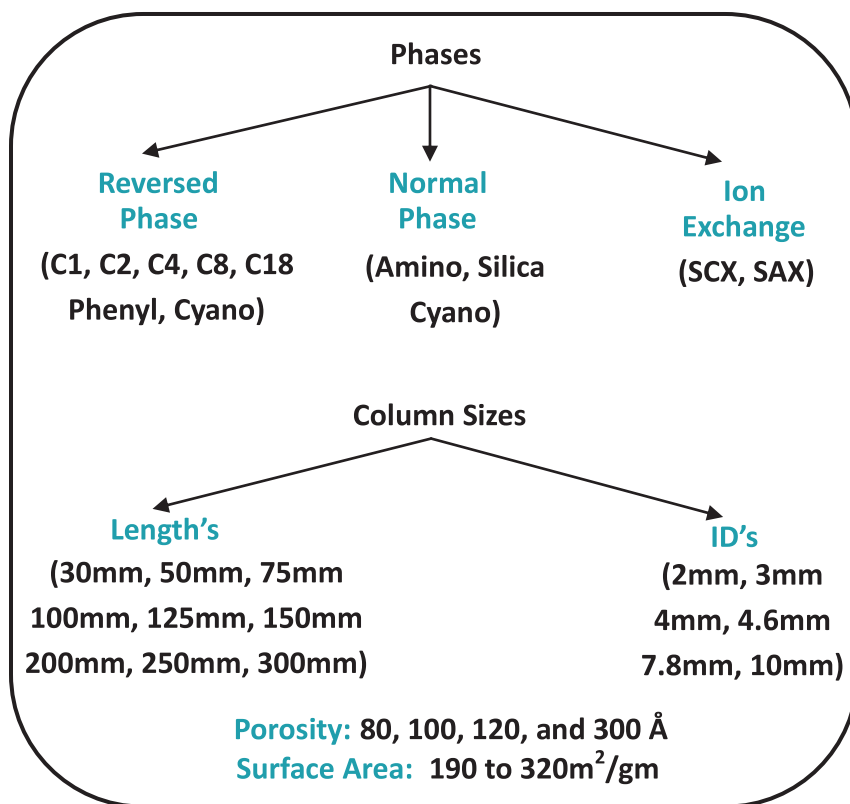
Phases: Silica, C18, NH₂

pH Range: 2-8,

Surface Area: 190 m²/g, **Pore Size:** 100 Å,

Particle Size: 1.7 µm **Pore Volume:** 0.6

Applications: Cortisone, Testosterone, Progesterone, D -Norgestrel, 19-Norethindrone, Benzene, Flourine, Naphthalene



Column	Application Areas	Analytes
Matrix C18	Pharmaceuticals	Acetaminophen, Caffeine, 2-Acetamidophenol, Acetanilide, Acetylsalicylic Acid, Azithromycin
Monitor C18	Pharmaceuticals	Acetaminophen, Caffeine, 2-Acetamidophenol, Acetanilide, Acetylsalicylic Acid, Azithromycin
Orosil C18	Pharmaceuticals	Tamoxifen, Pregabalin, Budesonide, Eszopiclone, Eprosartan, Stavudine, Ciprofloxacin, Atracurium, Acetaminophen, Caffeine, 2-Acetamidophenol, Acetanilide, Acetylsalicylic Acid
	Vitamins	Riboflavin, Rescorcinol
Prestige C18	Pharmaceuticals	Ampicilline, Chloramphenicol
	Toxins	mycotoxin
	Cosmetics	Sun-screen reagents
	Test Mixtures	Ethyl Benzoate, Toluene, Ethylbenzene, uracil, aniline, p -toluidine, 4-ethyl aniline, N,N-diethylaniline, pyridine, phenol
Reliachrom	Pharmaceuticals, Nucleic Acids	Uracil , 5-fluorouracil, 2-Deoxyuridine, 5-fluro-2'-deoxyuridine
Orosil Polar C18	Amino Acids	L-Valine, L-Phenylalanine
Reliasil Phenyl		9-Teterehydrocannabinol
Reliasil C18, C8	Pharmaceuticals and Metabolites	Caffeine, Theobromine, Theophylline, Aspirin, Carbamazepine, Acetaminophen, Amitriptyline, Procainamide
Reliasil C18, C8	Nucleic Acids	Uracil, 5 Flurouracil
	Food Additives/Safety	Benzoic Acid, Melamine
	Organic Acids	Fumaric Acid, Formic Acid, Acetic Acid, Butyric Acid
	Steroids	Estriol, Estradiol, Cortisone, Testosterone, Progesterone, Hydrocortisone,
	Vitamins	L-Ascorbic Acid, Nicotnic Acid, Pyridoxine, Nicotinamine, Vitamin D2, Vitamin D3, 25-OH Vitamin D2, 25-OH Vitamin D3
	Drugs of Abuse	Phenobarbital, Secobarbital, Propranolol, MDA, Amphetemine, Methamphetemine, Diazepam, Hydrocodone, Cocaine, Naltrexone, Naloxone
	Pesticides	Acephate, Dimethoate, Malathion
	Protein and Peptides	Peptide
Reliasil Amine	Alcohols	Isoamyl Alcohol, IPA, Glycerol, Butanol, Ethanol
Reliasil C30, PFP	Biofuel	Methanol, Ethanol, 2,3-Butanediol, 2-Propanol
Reliasil Phenyl-Hexyl	Vitamins	Vitamin E