



APPLICATION NEWS

Specialty SFC Columns

ES Industries is listing a number of column chemistries that have shown unique selectivity under SFC conditions. Each of these materials are available in semi-preparative and preparative sizes.

GreenSep Amino Phenyl 5 μ 120Å 25cm X 4.6mm
Normal Phase mixed mode / offers pi/pi interaction
and good base deactivation

Catalog # 155221-GS-APH

GreenSep Basic 5 μ 120Å 25cm X 4.6mm
Works well for amines

Catalog # 155291-GS-BC

GreenSep DEAP (Diethylaminopropyl) 5 μ 120Å 25cm X 4.6mm
Increased loading capacity / higher loading with more
Amino interaction

Catalog # 155291-GSDEAP

GreenSep Ethyl Pyridine 5 μ 120Å 25cm X 4.6mm
Works well for bases without any modifier.

Catalog # 155291-GS-PYE

GreenSep Ethyl Pyridine II 5 μ 120Å 25cm X 4.6mm
Works well for bases and acid without any modifier

Catalog # 155221-GS-PYE-II

GreenSep 4-Ethyl Pyridine 5 μ 120Å 25cm X 4.6mm
Different selectivity than 2-Ethyl Pyridine

Catalog # 155221-GS-PYE4

GreenSep HILIC 5 μ 120Å 25cm X 4.6mm
Different selectivity than pyridine phases

Catalog # 155221-GS-HIC

GreenSep Nitro 5 μ 120Å 25cm X 4.6mm
For double bonds and aromatic compounds / offers a
strong charge transfer mechanism

Catalog # 155221-GS-NO2

GreenSep Pyridyl Amide 5 μ 120Å 25cm X 4.6mm
Works well for both acid and base with no need to
add modifier

Catalog # 155291-GS-PYA

GreenSep Cyano 5 μ 120Å 25cm X 4.6mm
High Surface area Cyano / high surface area loading

Catalog # 155291-GS-CN

GreenSep Diol 5 μ 120Å 25cm X 4.6mm
High Density Diol / offers high loading

Catalog # 155221-GS-D

GreenSep NH₂ 5 μ 120Å 25cm X 4.6mm
High Density NH₂ / offers higher loading for prep

Catalog # 155291-GS-NH2

GreenSep PFP 5 μ 120Å 25cm X 4.6mm
Halogenated and aromatic compounds / offers strong
pi/pi interaction as well as the unique selectivity of the
Fluoro phase

Catalog # 155291-GS-PFP

GreenSep Silica 5 μ 120Å 25cm X 4.6mm
High Surface Area Silica

Catalog # 155221-GS-SI

Chromegabond Silver Silica SFC 5 μ 60Å 25cm X 4.6mm
Petroleum compounds

Catalog # 155211-AG/SI-SFC