

Product datasheet

Current HPLC column packing range, 2011

Wyesil[™] 80 Silica

Alternative to Waters Spherisorb[™] range of phases.

Pore Size: 90(+/- 3) Å Pore Volume: 0.51 ml/g Surface Area: 220 m²/g

Particle sizes: 3, 5 and 10µm

Phases: Silica, ODS, ODS-1, C8, C6, C1 (TMS), Phenyl, Amino, Nitrile and SAX.

Wyesil[™] 100 Silica

Slightly lower retention than **Wyesil[™] 80** using a different silica base. Available with an extended range of bonded phases.

Pore Size: 100 (+/-3) Å Pore Volume: 0.52 ml/g Surface Area: 210 m²/g

Particle sizes: 3, 5 and 10µm

Phases: Silica, ODS, ODS-1, ODS-B, ODS-AB, C8, C8B, C6, C1(TMS), Phenyl, Amino, Nitrile, SAX and SCX.

Temesil[™] Silica

Closest alternative to Spherisorb[™] media.

Particle sizes: 3, 5, and 10µm

Phases: Silica, ODS, ODS-1, C8, C1 (TMS) and Nitrile.

Temesil[™] Pure Silica

Very high purity silica for maximum performance.

Pore Size: 120 (+/-5) Å Pore Volume: 0.68 ml/g Surface Area: 226 m²/g

Particle sizes: 3 and 5µm

Phases: Silica, RP18, C18MS, C8

Arrowsil[™] Silica

Alternative to Thermo-Hypersil[™] range.

Pore Size: 130 (+/-5)Å Pore Volume: 0.63 ml/g Surface Area: 194 m²/g

Particle sizes: 3 and 5µm

Phases: Silica, ODS, C8, Ph(1), CN(1) and Ph(2).

Arrowsil[™] BD Silica

Alternative to Thermo-Hypersil[™] BDS range.

Pore Size: 145 (+/-5)Å

Pore Volume: 0.68 ml/g

Surface Area: 186 m²/g

Particle sizes: 3 and 5µm

Phases: Silica, C8, C18, Phenyl, Nitrile



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Gel-Sieve™ 3K

Alternative to TSK 3000SWxl for size exclusion of proteins.
Pore Size: 230(+/- 10)Å Pore Volume: 1.15 ml/g
Particle size: 5µm
Phases: Silica and GFC (polar bonded).

Gel-Sieve™ 4K

Alternative to TSK 4000SWxl for size exclusion of proteins.
Pore Size: 400(+/- 20) Å Pore Volume: 1.15 ml/g
Particle sizes: 5µm
Phases: Silica and GFC (polar bonded).

Gel-Sieve™ 4K

For size exclusion of large proteins.
Pore Size: 800 (+/- 40) Å Pore Volume: 1.15 ml/g
Particle sizes: 5µm
Phases: Silica and GFC (polar bonded).

Derisil™ 300 Silica

Good alternative to industry standard 300Å phases. First 300Å media available in 3µm particle size.
Pore Size: 300(+/- 10) Å Pore Volume: 0.78 ml/g Surface Area: 100 m²/g
Particle sizes: 3, 5 and 10µm
Phases: Silica and ODS.

Column lengths and diameters

Most common silica based phases are packed to order in column diameters from 2, 3, 4 and 4.6mm. Column lengths are typically 100, 150, 200 and 250mm.

Columns with specialised phases may be packed in more restricted dimensions.

Please contact your local dealer for further assistance.