

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.

File: 2011 dot red HPLC column packing materials.odt

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