

- **Recommended use: older non-demanding methods**
- **For all new applications we recommend Synergi columns (see p. 237)**

Maxsil™ can be used for HPLC separations requiring materials with high surface area and exposed silanol activity. Maxsil has a higher surface area (500 m²/gm) than spherical silica, due to its irregularly shaped, totally porous particle.

We suggest you use Maxsil packings for non-demanding HPLC analyses when endcapping and high-purity silica are not required.

Material Characteristics

Packing Material	Particle Shape/Size (µm)	Pore Size (Å)	Pore Volume (mL/g)	Surface Area (m ² /g)	Carbon Load %	Calculated Bonded Phase Coverage (µmole/m ²)	End Capping
Maxsil Silica	Irreg. 5, 10	65	0.70	500	0	0	No
Maxsil C8	Irreg. 5, 10	65	0.70	500	6.5, Monomeric	1.20	No
Maxsil C18	Irreg. 5, 10	65	0.70	500	12.5, Monomeric	1.25	Yes
Maxsil CN	Irreg. 10	65	0.70	500	3.5, Monomeric	1.04	No
Maxsil NH ₂	Irreg. 5, 10	65	0.70	500	2, Monomeric	0.67	No

ORDERING INFORMATION

SecurityGuard™ Analytical Cartridges require universal holder Part No.: KJO-4282

5 µm Columns (mm)		SecurityGuard™ Cartridges		
Phases	250 x 4.0	250 x 4.6	4 x 2.0 mm /10pk	4 x 3.0 mm /10pk
Silica	00G-0053-D0	00G-0053-E0	AJO-4347	AJO-4348
RP2	00G-0391-D0	00G-0391-E0	—	—
C8	00G-0055-D0	00G-0055-E0	AJO-4289	AJO-4290
C18	00G-0056-D0	00G-0056-E0	AJO-4286	AJO-4287
NH ₂	—	00G-0058-E0	AJO-4301	AJO-4302
			for ID: 2.0-3.0 mm	3.2-8.0 mm

10 µm Columns (mm)		SecurityGuard™ Cartridges		
Phases	250 x 4.0	250 x 4.6	4 x 2.0 mm /10pk	4 x 3.0 mm /10pk
Silica	—	00G-0060-E0	AJO-4347	AJO-4348
RP2	00G-0390-D0	00G-0390-E0	—	—
C18	—	00G-0063-E0	AJO-4286	AJO-4287
			for ID: 2.0-3.0 mm	3.2-8.0 mm



See p. 218 for SecurityGuard Cartridge Holders.