

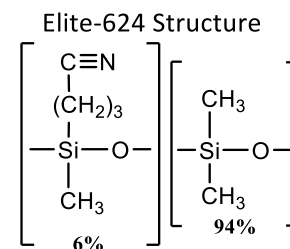
Elite-624

The Elite-624 column is a specially engineered, low to mid-polarity (6%-cyanopropylphenyl)-dimethylpolysiloxane phase. The unique polarity of the Elite-624 column makes it ideal for analyzing volatile organic pollutants and it is recommended in U.S. EPA methods. Although the Elite-502.2 column is recommended in many methods, the Elite-624 column offers better resolution of early eluting compounds.

The Elite-624 phase produces greater than 90% resolution of the first six gases in EPA Methods 8260 and 524.2. This stationary phase is especially well-suited for EPA Method 524.2 since it resolves 2-nitropropane from 1,1-dichloropropanone, which share quantification ion m/z 43 and must be separated chromatographically.

Features and Benefits

- Temperature Range: -20 °C to 240 °C
- Equivalent to USP G43 phase
- Well suited for EPA methods 524.2 and 8260



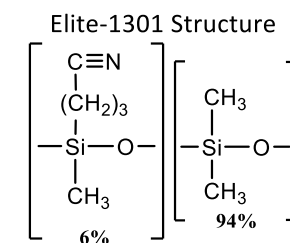
ID (mm)	df (μm)	Temp Limits (°C)	20 m Part No.	25 m Part No.	30 m Part No.	60 m Part No.	75 m Part No.
0.18	1.00	-20 to 240	N9316200				
0.20	1.12	-20 to 240		N9316209			
0.25	1.40	-20 to 240			N9316201	N9316202	
0.32	1.80	-20 to 240			N9316203	N9316204	
0.45	2.55	-20 to 240			N9316205		N9316206
0.53	3.00	-20 to 240			N9316207		N9316208

Elite-1301

The Elite-1301 column is a general purpose low to mid-polarity phase commonly used for the analysis of residual solvents, alcohols, oxygenates and volatile organic compounds. The stationary phase is (6%-cyanopropylphenyl)-methylpolysiloxane. Many analysts feel the Elite-1301 column is the best cyanosiloxane bonded stationary phase available, with no other column supplier providing lower bleed, longer lifetime, or better inertness. Our polymer is fully characterized to ensure long-term reproducibility, column-to-column consistency, and low bleed – even with sensitive detectors such as ECD and MS.

Features and Benefits

- Temperature Range: -20 °C to 280 °C
- Equivalent to USP G43 phase



ID (mm)	df (μm)	Temp Limits (°C)	10 m Part No.	15 m Part No.	20 m Part No.	30 m Part No.	60 m Part No.
0.18	0.40	-20 to 280	N9316210		N9316211		
0.25	0.25	-20 to 280		N9316212		N9316214	N9316216
	1.00	-20 to 260/280				N9316215	N9316217
0.32	0.25	-20 to 280		N9316218		N9316220	N9316222
	1.00	-20 to 260/280		N9316219		N9316221	N9316223
0.45	0.85	-20 to 260/280		N9316224		N9316225	
0.53	1.00	-20 to 260/280		N9316226		N9316227	