## Elite-5

A 5% diphenyl/95% dimethyl polysiloxane stationary phase is a general purpose, low polarity phase that is the most popular GC stationary phase used for a wide variety of applications. These columns are commonly used for analysis of drugs, pesticides, hydrocarbons, PCBs, essential oils, semivolatiles and solvent impurities. The Elite-5 is a crosslinked phase in which all residual catalysts and low molecular weight fragments have been removed providing a tight mono-modal distribution and extremely low bleed.

## Features and Benefits

- Temperature Range: -60 °C to 350 °C
- Equivalent to USP G27 and G36 phases

Elite-5 S	Structure
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	l j
<b>~</b>	CH <sub>3</sub>
∟ 5% ⊐	∟ 95% ⊐

ID (mm)	df (μm)	Temp Limits (°C)	10 m Part No.	15 m Part No.	20 m Part No.	30 m Part No.	40 m Part No.	60 m Part No.
0.05	0.05	-60 to 325/350	N9316104					
	0.20	-60 to 325/350	N9316105					
0.10	0.10	-60 to 330/350			N9316108			
	0.40	-60 to 320/340			N9316109			
0.18	0.18	-60 to 330/350	N9316066		N9316068			
	0.4	-60 to 320/340	N9316067		N9316069		N9316071	
0.20	0.33	-60 to 330/350	N9316110 <sup>1</sup>		N9316111 <sup>1</sup>		N9316112 <sup>1</sup>	
0.25	0.10	-60 to 330/350		N9316072		N9316075		N9316078
	0.25	-60 to 330/350		N9316073		N9316076		N9316079
	1.00	-60 to 320/340		N9316074		N9316077		N9316080
0.32	0.10	-60 to 330/350		N9316081		N9316085		N9316089
	0.25	-60 to 330/350		N9316082		N9316086		N9316090
	1.00	-60 to 320/340		N9316083		N9316087		N9316091
0.45	0.13	-60 to 340/350						N9316097
	0.42	-60 to 310/330		N9316093		N9316096		
	1.27	-60 to 310/330		N9316092		N9316094		
	4.25	-60 to 260/280				N9316095		
0.53	0.50	-60 to 310/330		N9316099		N9316102		
	1.50	-60 to 310/330		N9316098		N9316100		N9316103
	5.00	-60 to 270/290				N9316101		

<sup>&</sup>lt;sup>1</sup> The lengths of **N9316110**, **N9316111** and **N9316112** are 12 m, 25 m and 50 m, respectively