



## similar phases

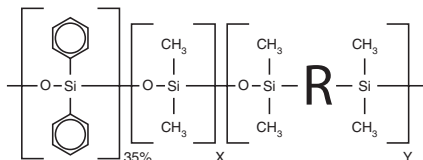
DB-XLB, VF-Xms

### **i** tech tip

In combination with an Rxi®-XLB column, simple adjustments to the injection conditions can greatly improve sensitivity for active and high molecular weight Method 525.2 target compounds.

By eliminating contact between the sample and the hot metal surfaces in the injection port, a Drilled Uniliner® inlet liner prevents analytes from degrading in the injection port.

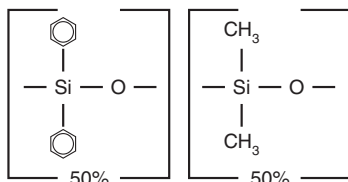
### Rxi®-35Si1 MS Structure



## similar phases

DB-35ms, MR2, VF-35ms

### Rxi®-17 Structure



## similar phases

DB-17, DB-608, CP-Sil 24 CB, HP-50+

### Rxi®-XLB Columns (fused silica)

(low polarity proprietary phase)

- General purpose columns exhibiting extremely low bleed. Ideal for many GC/MS applications, including pesticides, PCB congeners (e.g. Aroclor mixes), PAHs.
- Unique selectivity.
- Temperature range: 30 °C to 360 °C.

ID	df	temp. limits*	15-Meter	30-Meter	60-Meter
0.25mm	0.10µm	30 to 340/360°C	13705	13708	
	0.25µm	30 to 340/360°C	13720	13723	13726
	0.50µm	30 to 340/360°C		13738	
	1.00µm	30 to 340/360°C	13750	13753	
0.32mm	0.10µm	30 to 340/360°C		13709	
	0.25µm	30 to 340/360°C	13721	13724	13727
	0.50µm	30 to 340/360°C		13739	
0.53mm	0.10µm	30 to 340/360°C		13754	
	0.50µm	30 to 340/360°C		13740	
	1.50µm	30 to 320/340°C	13767	13770	

ID	df	temp. limits	10-Meter	20-Meter
0.10mm	0.10µm	30 to 340/360°C	43701	
0.18mm	0.18µm	30 to 340/360°C		43702

\*Maximum temperatures listed are for 15- and 30-meter lengths. Longer lengths may have a slightly reduced maximum temperature.

### Rxi®-35Si1 MS Columns (fused silica)

(midpolarity phase; equivalent to 35% phenyl/65% dimethyl arylene polysiloxane)

- Special selectivity and excellent inertness for substituted polar compounds, such as drugs, pesticides, herbicides, PCBs, phenols, etc.
- Very low bleed phase for GC/MS analysis.
- Extended temperature range: 50 °C to 340/360 °C.

ID	df	temp. limits	15-Meter	30-Meter
0.25mm	0.25µm	50 to 340/360°C	13820	13823
	0.50µm	50 to 340/360°C	13835	13838
	1µm	50 to 320/340°C	13850	13853
0.32mm	0.25µm	50 to 340/360°C	13821	13824
	0.50µm	50 to 340/360°C	13836	13839
	1µm	50 to 320/340°C	13851	13854
0.53mm	0.50µm	50 to 320/340°C	13837	13840
	1µm	50 to 320/340°C	13852	13855



More dimensions are now available!

### Rxi®-17 Columns (fused silica)

(midpolarity phase; Crossbond® 50% diphenyl/50% dimethyl polysiloxane)

- General purpose columns for pesticides, herbicides, rosin acids, phthalate esters, triglycerides, sterols.
- Temperature range: 40 °C to 320 °C.

ID	df	temp. limits	15-Meter	30-Meter
0.25mm	0.25µm	40 to 280/320°C	13520	13523
	0.50µm	40 to 280/320°C	13535	13538
	1.00µm	40 to 280/320°C	13550	13553
0.32mm	0.25µm	40 to 280/320°C	13521	13524
	0.50µm	40 to 280/320°C	13536	13539
	1.00µm	40 to 280/320°C	13551	13554
0.53mm	0.25µm	40 to 280/320°C	13522	13525
	0.50µm	40 to 280/320°C	13537	13540
	0.83µm	40 to 280/320°C		13569
	1.00µm	40 to 280/320°C	13552	13555
	1.50µm	40 to 280/320°C	13567	13570

ID	df	temp. limits	10-Meter	20-Meter
0.10mm	0.10µm	40 to 280/320°C	13501	
0.18mm	0.18µm	40 to 280/320°C		13502