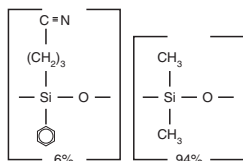


## Rtx<sup>®</sup>-1301 and Rtx<sup>®</sup>-624

### Rtx<sup>®</sup>-1301 Structure



**Rtx<sup>®</sup>-1301** (low to midpolarity phase; Crossbond<sup>®</sup> 6% cyanopropylphenyl/94% dimethyl polysiloxane)

- General purpose columns for residual solvents, alcohols, oxygenates, volatile organic compounds.
- Temperature range: -20°C to 280°C.
- Equivalent to USP G43 phase.

Many analysts feel the Rtx<sup>®</sup>-1301 column has the best cyanosilicone bonded stationary phase available, with no other column manufacturer 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 ECDs and MSDs.

### similar phases

DB-1301, DB-624, HP-1301, HP-624, SPB-1301, SPB-624, VF-1301, VF-624ms, CP-1301, CP-Select 624 CB

### please note

Rtx<sup>®</sup>-1301 columns and Rtx<sup>®</sup>-624 columns are exactly the same columns.

### Rtx<sup>®</sup>-1301 (G43) Columns (fused silica)

(Crossbond<sup>®</sup> 6% cyanopropylphenyl/94% dimethyl polysiloxane)

ID	df (μm)	temp. limits*	15-Meter	30-Meter	60-Meter	75-Meter	105-Meter
0.25mm	0.25	-20 to 280°C	16020	16023	16026		
	0.50	-20 to 270°C	16035	16038	16041		
	1.00	-20 to 260°C	16050	16053	16056		
	1.40	-20 to 240°C			16016		
0.32mm	0.25	-20 to 280°C	16021	16024	16027		
	0.50	-20 to 270°C	16036	16039	16042		
	1.00	-20 to 260°C	16051	16054	16057		
	1.50	-20 to 250°C	16066	16069	16072		
0.53mm	0.25	-20 to 280°C	16022	16025	16028		
	0.50	-20 to 270°C	16037	16040	16043		
	1.00	-20 to 260°C	16052	16055	16058		
	1.50	-20 to 250°C	16067	16070	16073		
	3.00	-20 to 240°C	16082	16085	16088	16076	16091

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

### also available

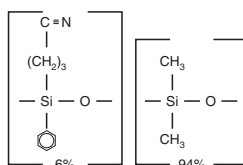
#### MXT<sup>®</sup> Columns

Rugged, flexible, Siltek<sup>®</sup> treated stainless steel tubing; inertness comparable to fused silica tubing. See pages 105 and 107 for our MXT<sup>®</sup>-1301 and MXT<sup>®</sup>-624 columns.

### please note

Rtx<sup>®</sup>-1301 columns and Rtx<sup>®</sup>-624 columns are available with Integra-Guard<sup>™</sup> built-in guard columns. Get the protection without the connection! See page 30 for descriptions and ordering information.

### Rtx<sup>®</sup>-624 Structure



**Rtx<sup>®</sup>-624** (low to midpolarity phase; Crossbond<sup>®</sup> 6% cyanopropylphenyl/94% dimethyl polysiloxane)

- Application-specific columns for volatile organic pollutants. Recommended in US EPA methods for volatile organic pollutants.
- Temperature range: -20°C to 240°C.
- Equivalent to USP G43 phase.

### Rtx<sup>®</sup>-624 Columns (fused silica)

(Crossbond<sup>®</sup> 6% cyanopropylphenyl/94% dimethyl polysiloxane)

ID	df (μm)	temp. limits	30-Meter	60-Meter	75-Meter	105-Meter
0.25mm	1.40	-20 to 240°C	10968	10969		
0.32mm	1.80	-20 to 240°C	10970	10972		
0.45mm	2.55	-20 to 240°C			10982	
0.53mm	3.00	-20 to 240°C	10971	10973	10974	10975

ID	df (μm)	temp. limits	10-Meter	20-Meter	40-Meter
0.18mm	1.00	-20 to 240°C		40924	40925

### similar phases

DB-1301, DB-624, HP-1301, HP-624, SPB-1301, SPB-624, VF-1301, VF-624ms, CP-1301, CP-Select 624 CB