Rtx®-440 and Stx™-500

restek **innovation**!

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Innovations Chemist
3+ years of service!

Rtx®-440 (intermediate polarity proprietary Crossbond® phase)

- General purpose columns for pesticides, PAHs, or other semivolatiles. Ideal for low/trace level analyses.
- Low bleed, high-resolution columns with unique selectivity.
- Temperature range: 20°C to 340°C.

Rtx®-440 Columns (fused silica)
(intermediate-polarity proprietary Crossbond® phase)

ID	df (µm)	temp. limits	30-Meter
0.25mm	0.25	20°C to 320/340°C	12923
	0.50	20°C to 320/340°C	12938
0.32mm	0.25	20°C to 320/340°C	12924
	0.50	20°C to 320/340°C	12939
0.53mm	0.50	20°C to 320/340°C	12940
	1.00	20°C to 320/340°C	12955

ID	df (µm)	temp. limits	20-Meter	40-Meter
0.18mm	0.18	20°C to 320/340°C	42902	42903

similar **phase**

HT-8

Stx™-500 (Crossbond® carborane/dimethyl polysiloxane)

- Application-specific columns for brominated flame retardants, coplanar PCB congeners, and other analytes with high boiling temperatures.
- Low bleed—ideal for GC/FPD, GC/NPD, or GC/MS analyses.
- Stable to 380°C.
- Stx™ is used for columns that have been deactivated using Restek's Siltek® deactivation.

The Stx™-500 column gives excellent results for neutral or slightly acidic compounds. It is not recommended for analyses of basic compounds.

did you **know**?

Carborane phases are active. Active compounds may not chromatograph well with this phase.

Stx™-500 Columns (fused silica)
(Crossbond® carborane/dimethyl polysiloxane)

ID	df (µm)	temp. limits*	30-Meter	60-Meter
0.25mm	0.15	-60°C to 380°C	10750	10751
0.53mm	0.15	-60°C to 380°C	10752	

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

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