

MXT®-Volatiles (proprietary Crossbond® diphenyl/dimethyl polysiloxane phase)

- Application-specific columns for volatile organic pollutants.
- Stable to 280°C.

MXT®-Volatiles columns were the first columns designed specifically for analyses of the 34 volatile organic pollutants listed in US EPA methods 601, 602, and 624. With these columns, you can quantify all compounds listed in these methods, whether you use a mass spectrometer or a PID in tandem with an ELCD. The diphenyl/dimethyl polysiloxane based MXT®-Volatiles stationary phase provides low bleed and thermal stability to 280°C.

MXT®-Volatiles Columns (Siltek® treated stainless steel)

(proprietary Crossbond® diphenyl/dimethyl polysiloxane phase)

ID	df (μm)	temp. limits*	30-Meter	60-Meter	105-Meter
0.25mm	1.00	-20 to 280°C	70900	70903	
0.28mm	1.25	-20 to 280°C	70924	70926	70928
0.53mm	2.00	-20 to 280°C	70925	70927	70929
	3.00	-20 to 250°C	70922	70923	

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

MXT®-624 (low to midpolarity phase; Crossbond® 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.

The unique polarity of “624” columns makes them ideal for analyses of volatile organic pollutants. Although the MXT®-502.2 column is recommended in many methods, MXT®-624 columns offer the best separation of the early-eluting gases.

MXT®-624 Columns (Siltek® treated stainless steel)

(Crossbond® 6% cyanopropylphenyl/94% dimethyl polysiloxane)

ID	df (μm)	temp. limits	30-Meter	60-Meter
0.25mm	1.40	-20 to 240°C	70968	70969
0.53mm	3.00	-20 to 240°C	70971	70973

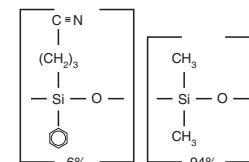
ID	df (μm)	temp. limits	10-Meter	20-Meter
0.18mm	1.00	-20 to 240°C	71893	71894



Steph Sunner
Customer Service
Representative
1+ year of service!

similar **phase**

VOCOL®

MXT®-624
Structuresimilar **phases**

DB-624, HP-624