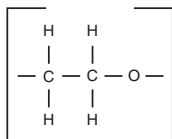


MXT[®]-WAX and MXT[®]-502.2

MXT[®]-WAX Structure



similar phases

DB-WAX, DB-WAXetr, HP-Wax,
HP-Innowax, Supelcowax 10,
CP-Wax 52 CB

MXT[®]-WAX (polar phase; Crossbond[®] Carbowax[®] polyethylene glycol)

- General purpose columns for FAMES, flavor compounds, essential oils, amines, solvents, xylene isomers, and US EPA Method 603 (acrolein/acrylonitrile).
- Resistant to oxidative damage.
- Temperature range: 40°C to 260°C.
- Equivalent to USP G14, G15, G16, G20, and G39 phases.

MXT[®]-WAX Columns (Siltek[®] treated stainless steel)

(Crossbond[®] Carbowax[®] polyethylene glycol—provides oxidation resistance)

ID	df (μm)	temp. limits	15-Meter	30-Meter	60-Meter
0.25mm	0.10	40 to 260°C	70605	70608	70611
	0.25	40 to 260°C	70620	70623	70626
	0.50	40 to 260°C	70635	70638	70641
0.28mm	0.25	40 to 250°C	70621	70624	70627
	0.50	40 to 250°C	70636	70639	70642
	1.00	40 to 240°C	70651	70654	70657
0.53mm	0.25	40 to 250°C	70622	70625	70628
	0.50	40 to 250°C	70637	70640	70643
	1.00	40 to 240°C	70652	70655	70658
	1.50	40 to 230°C	70666	70669	70672
	2.00	40 to 220°C	70667	70670	

MXT[®]-502.2 (proprietary Crossbond[®] diphenyl/dimethyl polysiloxane phase)

- Application-specific columns with unique selectivity for volatile organic pollutants, cited in US EPA Method 502.2 and in many gasoline range organics (GRO) methods for monitoring underground storage tanks. Excellent separation of trihalomethanes; ideal polarity for light hydrocarbons and aromatics.
- Stable to 270°C.

An MXT[®]-502.2 column will enable you to quantify all compounds listed in US EPA methods 502.2 or 524.2, whether you use a mass spectrometer or a PID in tandem with an ELCD. The diphenyl/dimethyl polysiloxane based MXT[®]-502.2 stationary phase provides low bleed and thermal stability to 270°C. A 105-meter column can separate the light gases specified in EPA methods without subambient cooling.

similar phase

DB-502.2

MXT[®]-502.2 Columns (Siltek[®] treated stainless steel)

(proprietary Crossbond[®] diphenyl/dimethyl polysiloxane phase)

ID	df (μm)	temp. limits	30-Meter	60-Meter	105-Meter
0.25mm	1.40	-20 to 270°C	70915	70916	
0.28mm	1.60	-20 to 250°C	70919	70920	70921
0.53mm	3.00	-20 to 270°C	70908	70909	70910

ID	df (μm)	temp. limits	10-Meter	20-Meter
0.18mm	1.00	-20 to 270°C	71891	71892