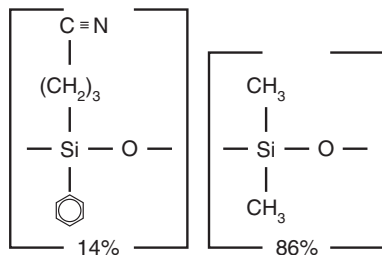


## General Purpose Columns

## MXT®-1701 Structure



## similar phases

DB-1701, HP-1701, SPB-1701

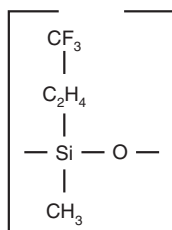
## MXT®-1701 Columns (Siltek® treated stainless steel)

(midpolarity phase; Crossbond® 14% cyanopropylphenyl/86% dimethyl polysiloxane)

- General purpose columns for alcohols, oxygenates, PCB congeners (e.g. Aroclor mixes), and pesticides.
- Temperature range: -20 °C to 280 °C.
- Equivalent to USP G46 phase.

ID	df	temp. limits*	15-Meter	30-Meter	60-Meter
0.25mm	0.25μm	-20 to 280°C	72020	72023	72026
	1.00μm	-20 to 260°C	72050	72053	72056
0.28mm	0.25μm	-20 to 280°C	72021	72024	72027
	1.00μm	-20 to 260°C	72051	72054	72057
	1.50μm	-20 to 250°C	72066	72069	72072
0.53mm	0.25μm	-20 to 280°C	72022	72025	72028
	0.50μm	-20 to 270/280°C	72037	72040	72043
	1.00μm	-20 to 260°C	72052	72055	72058
	1.50μm	-20 to 250°C	72067	72070	72073
	3.00μm	-20 to 240°C	72082	72085	72088

## MXT®-200 Structure



## similar phases

DB-200, DB-210

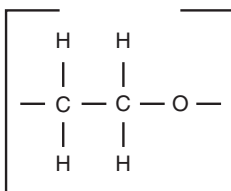
## MXT®-200 Columns (Siltek® treated stainless steel)

(midpolarity phase; Crossbond® trifluoropropylmethyl polysiloxane)

- General purpose columns for solvents, Freon® fluorocarbons, alcohols, ketones, silanes, and glycols. Excellent confirmation column with an Rtx®-5 column, for phenols, nitrosamines, organochlorine pesticides, chlorinated hydrocarbons, and chlorophenoxy herbicides.
- Temperature range: -20 °C to 400 °C.
- Equivalent to USP G6 phase.

ID	df	temp. limits*	15-Meter	30-Meter	60-Meter
0.25mm	0.50μm	-20 to 400°C	75035	75038	
	1.00μm	-20 to 310/360°C	75050	75053	
0.53mm	1.00μm	-20 to 290/360°C	75052	75055	75058
	1.50μm	-20 to 280/360°C	75067	75070	75073
	3.00μm	-20 to 260/360°C	75082	75085	75088

## MXT®-WAX Structure



## similar phases

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

## MXT®-WAX Columns (Siltek® treated stainless steel)

(polar phase; Crossbond® Carbowax® polyethylene glycol—provides oxidation resistance)

- 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.

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

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