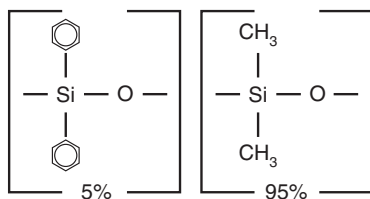


## MXT®-5 Structure



## similar phases

DB-5, HP-5, HP-5MS, Ultra-2, SPB-5, Equity-5, MDN-5, CP-Sil 8 CB

Note: DB-5MS is a silarylene based polymer similar to Rxi®-5Sil MS.

## MXT®-5 Columns (Siltek® treated stainless steel)

(low polarity phase; Crossbond® 5% diphenyl/95% dimethyl polysiloxane)

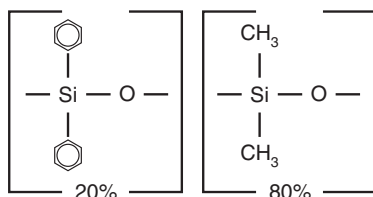
- General purpose columns for drugs, solvent impurities, pesticides, hydrocarbons, PCB congeners (e.g. Aroclor mixes), essential oils, and semivolatiles.
- Temperature range: -60 °C to 430 °C.
- Equivalent to USP G27, G36 phases.

The 5% diphenyl/95% dimethyl polysiloxane stationary phase is the most popular GC stationary phase and is used in a wide variety of applications. All residual catalysts and low molecular weight fragments are removed from the MXT®-5 polymer, providing a tight monomodal distribution and extremely low bleed.

ID	df	temp. limits*	15-Meter	30-Meter	60-Meter
0.25mm	0.10µm	-60 to 430°C	70205	70208	70211
	0.25µm	-60 to 430°C	70220	70223	70226
	0.50µm	-60 to 400°C	70235	70238	70241
	1.00µm	-60 to 340°C	70250	70253	70256
0.28mm	0.25µm	-60 to 430°C	70221	70224	70227
	0.50µm	-60 to 400°C	70236	70239	70242
	1.00µm	-60 to 325/360°C	70251	70254	70257
	3.00µm	-60 to 290/360°C	70281	70284	70287
0.53mm	0.25µm	-60 to 430°C	70222	70225	70228
	0.50µm	-60 to 400°C	70237	70240	70243
	1.00µm	-60 to 325/360°C	70252	70255	70258
	1.50µm	-60 to 300/360°C	70267	70270	70273
	3.00µm	-60 to 290/360°C	70282	70285	70288
	5.00µm	-60 to 270/360°C	70277	70279	70283

ID	df	temp. limits	10-Meter	20-Meter	40-Meter
0.18mm	0.20µm	-60 to 325/430°C	71821	71822	71823
	0.40µm	-60 to 325/400°C	71824	71825	71826

## MXT®-20 Structure



## similar phases

SPB-20, VOCOL

## MXT®-20 Columns (Siltek® treated stainless steel)

(low to midpolarity phase; Crossbond® 20% diphenyl/80% dimethyl polysiloxane)

- General purpose columns for volatile compounds, flavor compounds, and alcoholic beverages.
- Temperature range: -20 °C to 340 °C.
- Equivalent to USP G28, G32 phases.

MXT®-20 polymer is synthesized to exacting standards. All residual catalysts and low molecular weight fragments are removed from the polymer, providing a tight monomodal distribution and extremely low bleed.

ID	df	temp. limits*	15-Meter	30-Meter	60-Meter
0.25mm	0.25µm	-20 to 320/340°C	70320	70323	70326
	1.00µm	-20 to 300/340°C	70350	70353	70356
0.28mm	0.25µm	-20 to 310/340°C	70321	70324	70327
	1.00µm	-20 to 295/340°C	70351	70354	70357
	3.00µm	-20 to 260/340°C	70381	70384	70387
0.53mm	0.25µm	-20 to 310/340°C	70322	70325	70328
	1.00µm	-20 to 295/340°C	70352	70355	70358
	3.00µm	-20 to 260/340°C	70382	70385	70388

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

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