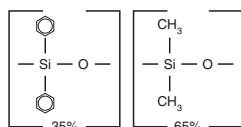


MXT[®]-35, MXT[®]-50, MXT[®]-65 and MXT[®]-65TG

MXT[®]-35 Structure



similar phases

DB-35, HP-35, SPB-35, SPB-608

MXT[®]-35 (midpolarity phase; Crossbond[®] 35% diphenyl/65% dimethyl polysiloxane)

- General purpose columns for organochlorine pesticides, PCB congeners or (e.g.) Aroclor mixes, herbicides, pharmaceuticals, sterols, rosin acids, and phthalate esters.
- Temperature range: 0°C to 310°C.
- Equivalent to USP G42 phase.

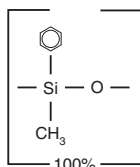
MXT[®]-35 Columns (Siltek[®] treated stainless steel)

(Crossbond[®] 35% diphenyl/65% dimethyl polysiloxane)

ID	df (μm)	temp. limits*	15-Meter	30-Meter	60-Meter
0.25mm	0.50	0 to 310°C	70435	70438	
	1.00	0 to 300°C	70450	70453	
0.53mm	1.00	0 to 260/280°C	70452	70455	70458
	1.50	0 to 250/270°C	70467	70470	70473
	3.00	0 to 240/260°C	70482	70485	70488

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

MXT[®]-50 Structure



similar phases

HP-17, SPB-50, SP-2250

MXT[®]-50 (midpolarity phase; Crossbond[®] 100% methylphenyl polysiloxane)

- General purpose columns for pesticides, herbicides, rosin acids, phthalate esters, triglycerides, and sterols.
- Temperature range: 0°C to 290°C.
- Equivalent to USP G3 phase.

MXT[®]-50 Columns (Siltek[®] treated stainless steel)

(Crossbond[®] 100% methylphenyl polysiloxane)

ID	df (μm)	temp. limits*	15-Meter	30-Meter	60-Meter
0.53mm	0.83	0 to 270/290°C		70569	
	1.00	0 to 260/280°C	70552	70555	70558
	1.50	0 to 250/270°C	70567	70570	70573

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

MXT[®]-65 (mid to high polarity phase; Crossbond[®] 65% diphenyl/35% dimethyl polysiloxane)

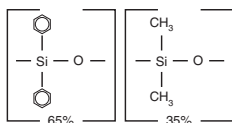
- General purpose columns for phenols and fatty acids.
- Temperature range: 50°C to 300°C.
- Equivalent to USP G17 phase.

MXT[®]-65 Columns (Siltek[®] treated stainless steel)

(Crossbond[®] 65% diphenyl/35% dimethyl polysiloxane)

ID	df (μm)	temp. limits	15-Meter	30-Meter
0.25mm	0.25	50 to 300°C	77020	77023
	0.50	50 to 300°C	77035	77038
	1.00	50 to 280°C	77050	77053

MXT[®]-65/MXT[®]-65TG Structure



similar phases

TAP-CB, 400-65HT, 007-65HT

MXT[®]-65TG (high polarity phase; Crossbond[®] 65% diphenyl/35% dimethyl polysiloxane)

- Application-specific columns, specially tested for triglycerides.
- Stable to 370°C.

The MXT[®]-65TG phase resolves triglycerides by degree of unsaturation as well as by carbon number. Because of the chemistry required to achieve 370°C thermal stability, an MXT[®]-65TG column should not be used for analyses of compounds that contain active oxygenated groups.

MXT[®]-65TG Columns (Siltek[®] treated stainless steel)

(Crossbond[®] 65% diphenyl/35% dimethyl polysiloxane)

ID	df (μm)	temp. limits	15-Meter	30-Meter
0.25mm	0.10	20 to 370°C	77005	77008
0.53mm	0.10	20 to 370°C	77007	77010