

Column Cross - Reference (by application)

MEGA	Phase Composition	Temperature Max *	USP Classification	EPA Methods, Normatives	Applications
MEGA - 1	100% Methyl Polysiloxane	350°C	G1, G2, G9, G38	EPA 504.1, 505, 606, 8141 A	General purpose column. Solvent impurities, PCB congeners (Aroclor mixes), simulated distillation, drugs of abuse, gases, natural gases, essential oils, semivolatiles, pesticides.
MEGA - 1 MS	100% Methyl Polysiloxane (Low Bleeding)	350°C	G1, G2, G9, G38	EPA 606	General purpose column (see MEGA-1) for GC-MS use.
MEGA - 1 HT	100% Methyl Polysiloxane (High Temperature)	380°C	G2		General purpose column (see MEGA-1) for high temperature use.
MEGA - 5	5% Phenyl - 95% Methyl Polysiloxane	350°C	G27, G36, G41	EPA 611/8110, 604, 606, 607, 608/8081, 609, 612, 613, 615, 619, 622, 8015B, 8041, 8061A, 8082, 8091, 8121, 8141A	General purpose column. Solvent impurities, PCB congeners (Aroclor mixes), hydrocarbons, essential oils, semivolatiles, pesticides etc.
MEGA - 5 MS	5% Phenyl - 95% Methyl Polysiloxane (Low Bleeding)	350°C	G27, G36, G41	EPA 513, 525, 552.2, 604, 606, 610, 613, 625, 1625, 1653, 8100, 8141A, 8270C, 8280A	General purpose column (see MEGA-5) for GC-MS use.
MEGA - 5 HT	5% Phenyl - 95% Methyl Polysiloxane (High Temperature)	380°C	G27, G36, G41		General purpose column (see MEGA-5) for high temperature use.
MEGA - Wax	Polyethylenglycol (PEG)	250°C	G14, G15, G16, G20, G39, G47	EPA 602, 603, 619, 8121, USP 467 (OVIs)	General purpose column. FAMES, solvents, BTEX aromatics, flavour compounds, alcohols. Tune your WAX column polarity! Ask us for a custom PEG based column besides our well known standard MEGA-WAX. Contact us for more information!
MEGA - Wax MS	Polyethylenglycol (PEG) (Low Bleeding)	250°C	G14, G15, G16, G20, G39, G47	EPA 602, 603, 619, USP 467 (OVIs)	General purpose column (see MEGA-WAX) for GC-MS use.
MEGA - Wax HT	Polyethylenglycol (PEG) (High Temperature)	300°C			General purpose column (see MEGA-WAX) for high temperature use.
MEGA - 1701	7% Cyanopropyl, 7% Phenyl, 86% Methyl Polysiloxane	280°C	G46	EPA 513, 515.2, 552.2, 607, 619, 622, 8091, 8121, 8151A	General purpose column. Alcohols, oxygenates, PCB congeners (e.g. Aroclor mixes) etc. Ideal as confirmation column.
MEGA - 35	35% Phenyl, 65% Methyl Polysiloxane	340°C	G28, G32, G42	EPA 507, 508, 513, 551.1, 552.2, 607, 611, 615, 622, 8082, 8141A	General purpose column. Substituted polar compounds, phenols, PCBs, pesticides etc. Ideal as confirmation column.
MEGA - 35 MS	35% Phenyl, 65% Methyl Polysiloxane (Low Bleeding)	340°C	G28, G42		General purpose column (see MEGA-35) for GC-MS use.
MEGA - 17	50% Phenyl, 50% Methyl Polysiloxane	340°C	G3, G17	EPA 604, 608, 619, 8060, 8081	General purpose column. Phthalate esters, rosin acids, herbicides, pharmaceuticals etc. Ideal as confirmation column.
MEGA - 17 MS	50% Phenyl, 50% Methyl Polysiloxane (Low Bleeding)	340°C	G3, G17		General purpose column (see MEGA-17) for GC-MS use.
MEGA - ACID (FFAP)	Polyethylenglycol (PEG) Acid Modified	250°C	G14, G15, G16, G25, G35, G39		General purpose column. Free acids, FAMES, solvents, BTEX aromatics, flavour compounds, alcohols, polar compounds.
MEGA - 10 FAMES	100% Cyanopropyl Polysiloxane	260°C	G5, G8, G48		High polarity column ideal for cis/trans FAMES and dioxins isomers.
MEGA - 225	25% Cyanopropyl, 25% Phenyl, 50% Methyl Polysiloxane	280°C	G7, G19		Mid to high polarity column for carbohydrate, sterols, flavour compounds.
MEGA - 225 MS	25% Cyanopropyl, 25% Phenyl, 50% Methyl Polysiloxane (Low Bleeding)	280°C	G7, G19		Mid to high polarity column (see MEGA-225) for GC-MS use.
MEGA - 624	6% Cyanopropylphenyl, 93% Methyl Polysiloxane	280°C	G43	EPA 501.3, 502.1, 502.2, 503.1, 504.1, 524.2, 601, 602, 603, 624, 1624, 8010B, 8021B, 8030A, 8260B, USP 467 (OVIs)	General purpose column ideal for volatile organic pollutants.