

Restek gc column selection guide

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And our gas chromatography experts have a lot of experience to provide you with the information you need about Restek GC columns, applications, troubleshooting, method development, and more. Best of all, every GC column that leaves our facility comes with an unrivalled warranty: Restek Pure Satisfaction. Install the best GC speakers in your tool. Visit the above product sections to learn more about GC restek analytical columns and columns, and then put them to work in the lab and find out first hand why so many chemists trust their Resteku Pure chromatography data. Restek PhaseDescription USP Nomenclature Agilent SGE Phenomenex Machery-Nagel Supelco Alltech quadrex dimethyl polysiloxane G1, G2, G38 HP-1, DB-1, CP-Sil 5 CB BP1 zb-1 OPTIMA 1 SPB-1 AT-1, EC-1 007-1 Dimethyl polysiloxane DB-1HT-1HTinnofer at-1ht dimethyl polysiloxan (low bleeding) HP-1ms, HP-1ms UI,DB-1ms, DB-1ms UI-1ms, DB-1ms, UI VF-1ms, Ultra-1 BP1 zb-1, zb-1ms OPTIMA 1 MS, OPTIMA 1 MS, Spb-1 Accent, Promotions-1 AT-1ms 007-1 Diphenyl Dimethyl Polysiloxan G27 , G36 HP-5, DB-5, CP-Sil 8 CB BP5 zb-5 OPTIMA 5 STB-5 EC-5, AT-5 007-5 diphenyl dimethyl polysiloxane DB-5ht, VF-5ht HT5 zb-5HTInferno OPTIMA 5HT diphenyl dimethyl polysiloxane (low bleeding) G27, G36 HP-5msSV, HP-5ms, HP-5ms user interface, DB-5, Ultra-2, CP-Sil 8 CB BP5ms zb-5, zb-5ms OPTIMA 5, OPTIMA 5 MS SPB-5, Promotions-5 AT-5ms 007-5 1.4-bis (dimet filsiloxi) phenylene dimethylsiloxane BPX5 , SM-5MS plus OPTIMA 5 MS Accent SLB-5ms 007-5MS patented phase DB-XLB , VF-Xms MR1, zb-XLB OPTIMA XLB diphenyl dimethyl polysiloxane G28, G32 SPB-20 EC-20, AT-20 007-20 Diphenyl Dimethylsiloxan G42 HP-35, DB-35 sb-35 SPB-35, SPB-608 007-35 запатентованная фаза DB-35ms, DB35msUI, VF-35ms BPX35, BPX608 MR2 OPTIMA 35 MS фенил метил полисилоксан G3 HP-50, CP-Sil 24 CB SPB-50 AT-50 007-17 дифенил диметил диметил G3 HP-17, DB-17, DB-17ht, DB-608 ZB-50 OPTIMA 17 SPB-17 proprietary phase G3 DB-17ms, VF-17ms BPX50 OPTIMA 17 MS diphenyl dimethyl polysiloxane 007-65HT proprietary phase G43 DB-624, VF-624ms, CP-Select 624 CB BP624 OPTIMA 624 LB cyanopropylmethyl phenylmethyl polysiloxane G43 DB-1301, DB-624, DB-624UI, VF-1301ms, VF-624ms, CP-1301 BP624 ZB-624 OPTIMA 1301, OPTIMA 624 SPB-624 AT-624,AT-1301 007-1301,007-624 cyanopropylmethyl phenylmethyl polysiloxane G46 DB-1701P, DB-1701, CP-Sil 19 CB, VF-1701ms, VF-1701 Pesticides BP10 ZB-1701, ZB-1701P OPTIMA 1701 Equity-1701 AT-1701 007-1701 trifluoropropylmethyl polysiloxane (low bleed) G6 VF-200ms cyanopropylmethyl phenylmethyl polysiloxane G7, G19 DB-225ms, CP-Sil 43 CB BP225 OPTIMA 225 SPB-225 AT-225 007-225 proprietary phase Restek Innovation biscyanopropyl cyanopropylphenyl polysiloxane G8, G48 VF-23ms BPX70 SP-2330, SP-2331, SP-2380 AT-Silar90 007-23 biscyanopropyl polysiloxane HP-88, CP-Sil 88 SP-2560 polyethylene glycol G14 , G15, G16, G20, G39 DB-Wax BP20 ZB-Wax OPTIMA WAX AT-WAXms, EC-WAX 007-CW polyethylene glycol G14, G15, G16, G20, G39 HP-INNOWax, CP-Wax 52 CB, VF-WAX MS ZB-WAXplus OPTIMA WAXplus Supelcowax-10 AT-WAX, EC-Wax polyethylene glycol AT-WAXms Restek PhaseDescription USP Nomenclature Agilent SGE Phenomenex Machery-Nagel Supelco Alltech Quadrex dimethyl polysiloxane G1, G2, G38 HP-1, DB-1, CP-Sil 5 CB BP1 ZB-1 OPTIMA 1 SPB-1 AT-1,EC-1 007-1 diphenyl dimethyl polysiloxane G27, G36 HP-5, DB-5,CP-Sil 8 CB BP5 ZB-5 OPTIMA 5 SPB-5 EC-5, AT-5 007-5 phenyl methyl polysiloxane G3 HP-50+, CP-Sil 24 CB SPB-50 AT-50 007-17 cyanopropylmethyl phenylmethyl polysiloxane G43 DB-1301, DB-624, DB-624UI, VF-1301ms, VF-624ms, CP-1301 BP624 ZB-624 OPTIMA 1301, OPTIMA 624 SPB-624 AT-624,AT-1301 007-1301,007-624 cyanopropylmethyl phenylmethyl polysiloxane G46 DB-1701P, DB-1701, CP-Sil 19 CB , VF-1701ms, VF-1701 Пестициды BP10 35-1701, 35-1701P OPTIMA 1701 Акции-1701 AT-1701 007-1701 трифторпропил полисилоксана G6 OPTIMA 210 AT-210 полиэтиленгликоль G14, G15, G16, G20, G39 HP-INNOWax, CP-Wax 52 CB, CV VF-WAX MS QB--WAXplus OPTIMA WAXplus Supelcowax-10 AT-WAX Restek (Фазовое описание) PorousLayer Application Supelco Alltech Agilent (JW, Varian, Chrompack) Квадрек Rt-Alumina BOND/Na2SO4 и MXT-Alumina BOND/Na2SO4 Аллюминиевый оксид C1-C5 анализ чистоты этилена, пропилена, бутенов и галоуглеродов Глинозем-сульфат AT-Alumina GS-Alumina, CP-AI203/Na2SO4 оксид алюминия C1-C8 углеводородов; C1-C5 изомеры анализ чистоты этилена, пропилена, бутен, и бутадиев глинозем-хлорид GS-Alumina KCl, HP PLOT AI203, CP-AI203/KCl Оксид алюминия Многогладенгированные алканы, C1-C5 диапазон хлорфторуглеродов (CFC) Уникальный продукт Rt-Alumina BOND/MAPD и MXT-Alumina BOND/MAPD Select AI203 MAPD Rt-Msieve 5A and MXT-Msieve 5A Molecular Sieve 5A Permanent Gas Analysis (He, Ne, Ar, O2, N2, Xe, Rn, CH4, and CO) Molsieve 5A AT-Molsieve HP PLOT Molsieve, CP-Molsieve 5A PLT-5A Rt-W-BOND and MXT-W-BOND (nonpolar porous polymer) 100% Divinylbenzene High solvent retention, alcohols, polar volatiles, CO2 and ppm-level water in Supel-H-PLOT solvents AT-H, PLOT, CP-PoraPLOT, CP-Porabond base division of ethane, ethane and acetylene GS-W Rt-S-BOND and MXT-S-BOND (intermediate polar-porous polymer) DVB divinylpyridin polymer light gases in ethylene and propylene; ketones, esters, cp-PoraPLOT S Rt-U-BOND (polar porous trick) DVB ethylene glycol-dimethylacrylat polymer More retention for polar compounds; Trail H2S, COS, and mercaptans in HP PLOT U hydrocarbon streams, CP-PoraPLOT U, CP-Porabond U Throughout the Restek website, there are many search tools, online query forms, and downloadable certificates that will help you find the exact Restek product or chromatography information you are looking for. The following links are shortcuts for some of our most popular online tools. GC Column Cross-Reference: Phase Columns - A simple guide to conversion from other manufacturers or USP items. GCxGC Column Combination Guide - Orthogonal Selectivity is the key to success in multidimensional GC, and this simple chart will help you pair up the right primary and secondary columns for your application. Guide to choosing GC columns and optimizing separation - Learn the basics of separation and how to choose the right GC column. GC Inlet Maintenance: A guide to the quick Restek link - Choose the correct entry of GC deliveries, prevent unwanted downtime with a preventative GC entry maintenance program, and easily order the GC input supplies you need for your particular tool. Agilent GC-MS Maintenance: A guide to the Restek Fast Link - Maintaining and improving the performance of your tool with our GC-MS routine service line and Agilent's spare parts. Packed Information Columns - Wretek technicians have assembled this thorough GC capillary installation guide to help analysts avoid costly mistakes, ensure maximum performance, and more. Restek Capillary Column Installation Guide - Use these optimized columns for specific applications to improve the method's performance. Custom Packaged/Micropacked Column Request Forms - If you can't find the packaged or micropackaged speakers you need in our catalog, then complete and send in this form. Our packaged speakers will provide the price and time of the chain for the custom columns you asked for. LC Column Characteristics Chart - - information about the chromatography column for our most popular phases. Diagnosis and prevention of high back pressure in LC systems - Learn techniques for mitigating particulate matter and preventing high back pressure in LC instruments. USP Phase and Support Cross-Reference Chart - Cross-link non-Restek phase or support equivalent wrestle phase or support. 1/5/Waxes Column Cross-Reference Tool - View a wide range of stationary phases and column configurations to find the best column for analysis. Pro-EGC Chromatogram Fashion Designer - Use our new, improved version of our popular model model center chromatogram for polymer capillary speakers with advanced phase selection options, gas-carrier changes and control options to help develop new methods or optimize existing ones more efficiently and efficiently. Reference Standards Reference Standards - Search, Select, and Custom Query - Search our reference standards by making up the link name, synonym, or CAS. If you can't find a specific chemical standard, just go through the form to request a custom reference standard for some or all of your compounds of interest. 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