

## Eksigent ChromeXP™ micro LC columns

### Phases for ChromeXP™ microLC columns

#### ChromXP-C18AR

Wakosil-II 3C18AR. High purity silica C18. pH range from 1.5-9.5. Ideal for basic compounds, aromatic hydrocarbons and peptides. Available in 120 Å.

#### ChromXP-C18EP and ChromXP-C8EP

C18 and C8 reversed phases with polar embedded groups for enhanced polar selectivity. Stable from pH 1-10. Low silanophilic activity allows for the analysis of strong basic compounds in neutral pH with excellent peak shapes. The main application area of these packings is in the pharmaceutical industry where the analytes often have basic or acidic groups. Available in 120 Å and 300 Å.

#### ChromXP-C18CL and ChromXP-C8CL

The ChromXP-CL phases are our standard C18 and C8 packings. These phases are based on ultra pure silica and fully endcapped. An excellent material for the separation of biomolecules like proteins and peptides. Available in 120 Å and 300 Å.

#### ChromXP-C18AQ

The ChromXP AQ phase has been especially developed for the use in aqueous mobile phases with an organic content below 10 %. Standard stationary phases with conventional bondings may give poor peak shapes under these conditions due to the collapse of C18-brushes in aqueous eluents. The AQ phase give excellent peak shapes in these mobile phases. The AQ phase is specifically useful for the analysis of polar analytes. Available in 120 Å.

#### ChromXP-C4

ChromXP C4 is a fully endcapped phase with excellent stability down to pH 1. This material shows excellent properties for the separation of large biomolecules like proteins and peptides, both in RP and HIC-mode. Available in 120 Å and 300 Å.

#### ChromXP-Phenyl

ChromXP-Phenyl is a RP packing that offers different selectivities in comparison to brush type stationary phases like C18 or C8. It is fully endcapped. Due to the bonding technology it shows excellent stability even at pH 1. Available in 120 Å.

#### ChromXP-Cyano, 120A

ChromXP-Cyano is a cyano-propyl bonded phase. It can be used in normal phase mode and reversed phase mode. In RP-mode, the application area is the separation of strong basic solutes. In NP-mode, the Cyano-support offers a complementary selectivity to other NP-phases like Silica, and Amino. Due to the quick equilibration time of the Cyano-bonded phase it is the best choice for gradient elution in NP-mode. Available in 120 Å.

#### ChromXP-Amino

ChromXP-Amino is an Amino Propyl bonded phase. It can be used in three modes: NP-mode, RP-mode and IC-mode. In the NP-mode it is an alternative to the silica packings but offers different selectivities. In the RP-mode the packing is mainly used for carbohydrate analysis. In the IC-mode the bonded phase can be used as a weak anion exchanger (WAX) for the analysis of anions and organic acids. The packing shows excellent properties in Supercritical Fluid Chromatography (SFC). Available in 120 Å.

#### ChromXP-Si

ChromXP-Si phase has a purity of 99,999 %. It can be used for normal phase chromatography, but also for size exclusion applications. Available in 120 Å.

#### HALO™ C18, C8 and Phenyl Hexyl

Halo column packings are manufactured using Fused-Core® particle technology. Halo® columns deliver over 50% more separating power than a column of the same length packed with 3.5 µm particles and more than twice the plates of a column packed with 5 µm particles. And, because of Fused-Core® particle technology, HALO® columns maintain their resolving power at high flow rates. This means that shorter columns and higher flow rates can be used to achieve remarkably fast high resolution separations.

### micro LC columns ChromXP 0.3 mm ID (0.025" end-fittings unless otherwise noted)

part number	description
805-00000	Column, 3 µm, ChromXP C18AR, 120Å, 30 x 0.3 mm
805-00001	Column, 3 µm, ChromXP C18AR, 120Å, 50 x 0.3 mm
805-00002	Column, 3 µm, ChromXP C18AR, 120Å, 100 x 0.3 mm
805-00003	Column, 3 µm, ChromXP C18AR, 120Å, 150 x 0.3 mm
805-00004	Column, 3 µm, ChromXP C18EP, 120Å, 30 x 0.3 mm
805-00005	Column, 3 µm, ChromXP C18EP, 120Å, 50 x 0.3 mm
805-05005	Column, 3 µm, ChromXP C18EP, 120Å, 50 x 0.3 mm with 1/32" end-fittings (for use with Express-HT or ExpressLC-Ultra)
805-00006	Column, 3 µm, ChromXP C18EP, 120Å, 100 x 0.3 mm
805-00007	Column, 3 µm, ChromXP C18EP, 120Å, 150 x 0.3 mm
805-00074	Column, 5 µm, ChromXP C18EP, 120Å, 30 x 0.3 mm
805-00075	Column, 5 µm, ChromXP C18EP, 120Å, 50 x 0.3 mm

805-00076	Column, 5 µm, ChromXP C18EP, 120Å, 100 x 0.3 mm
805-00077	Column, 5 µm ChromXP C18EP, 120Å, 150 x 0.3 mm
805-00078	Column, 5 µm, ChromXP C18EP, 300Å, 30 x 0.3 mm
805-00079	Column, 5 µm, ChromXP C18EP, 300Å, 50 x 0.3 mm
805-00080	Column, 5 µm, ChromXP C18EP, 300Å, 100 x 0.3 mm
805-00081	Column, 5 µm ChromXP C18EP, 300Å, 150 x 0.3 mm
805-00012	Column, 3 µm, ChromXP l C18CL, 120Å, 30 x 0.3 mm
805-00013	Column, 3 µm, ChromXP C18CL, 120Å, 50 x 0.3 mm
805-00014	Column, 3 µm, ChromXP C18CL, 120Å, 100 x 0.3 mm
805-00015	Column, 3 µm, ChromXP C18CL, 120Å, 150 x 0.3 mm
805-00016	Column, 3 µm, ChromXP C18CL, 300Å, 30 x 0.3 mm
805-00017	Column, 3 µm, ChromXP C18CL, 300Å, 50 x 0.3 mm
805-00018	Column, 3 µm, ChromXP C18CL, 300Å, 100 x 0.3 mm
805-00019	Column, 3 µm, ChromXP C18CL, 300Å, 150 x 0.3 mm
805-00082	Column, 5 µm, ChromXP C18CL, 120Å, 30 x 0.3 mm
805-00083	Column, 5 µm, ChromXP C18CL, 120Å, 50 x 0.3 mm
805-00084	Column, 5 µm, ChromXP C18CL, 120Å, 100 x 0.3 mm
805-00085	Column, 5 µm ChromXP C18CL, 120Å, 150 x 0.3 mm
805-00086	Column, 5 µm, ChromXP C18CL, 300Å, 30 x 0.3 mm
805-00087	Column, 5 µm, ChromXP C18CL, 300Å, 50 x 0.3 mm
805-00088	Column, 5 µm, ChromXP C18CL, 300Å, 100 x 0.3 mm
805-00089	Column, 5 µm ChromXP C18CL, 300Å, 150 x 0.3 mm
805-00020	Column, 3 µm, ChromXP C18AQ, 120Å, 30 x 0.3 mm
805-00021	Column, 3 µm, ChromXP C18AQ, 120Å, 50 x 0.3 mm
805-05201	Column, 3 µm, ChromXP C18AQ, 120Å, 50 x 0.3 mm with 1/32" end-fittings (for use with Express-HT or ExpressLC-Ultra)
805-00022	Column, 3 µm, ChromXP C18AQ, 120Å, 100 x 0.3 mm
805-00023	Column, 3 µm, ChromXP C18AQ, 120Å, 150 x 0.3 mm
805-00024	Column, 3 µm, ChromXP C8EP, 120Å, 30 x 0.3 mm
805-00025	Column, 3 µm, ChromXP C8EP, 120Å, 50 x 0.3 mm
805-05025	Column, 3 µm, ChromXP C8EP, 120Å, 50 x 0.3 mm with 1/32" end-fittings (for use with Express-HT or ExpressLC-Ultra)
805-00026	Column, 3 µm, ChromXP C8EP, 120Å, 100 x 0.3 mm
805-00027	Column, 3 µm, ChromXP C8EP, 120Å, 150 x 0.3 mm
805-00028	Column, 3 µm, ChromXP C8CL, 120Å, 30 x 0.3 mm
805-00029	Column, 3 µm, ChromXP C8CL, 120Å, 50 x 0.3 mm
805-00030	Column, 3 µm, ChromXP C8CL, 120Å, 100 x 0.3 mm
805-00031	Column, 3 µm, ChromXP C8CL, 120Å, 150 x 0.3 mm
805-00032	Column, 3 µm, ChromXP Phenyl, 120Å, 30 x 0.3 mm
805-00033	Column, 3 µm, ChromXP Phenyl, 120Å, 50 x 0.3 mm
805-00034	Column, 3 µm, ChromXP Phenyl, 120Å, 100 x 0.3 mm
805-00035	Column, 3 µm, ChromXP Phenyl, 120Å, 150 x 0.3 mm
805-00036	Column, 3 µm, ChromXP C4, 120Å, 30 x 0.3 mm
805-00037	Column, 3 µm, ChromXP C4, 120Å, 50 x 0.3 mm

805-00038	Column, 3 µm, ChromXP C4, 120Å, 100 x 0.3 mm
805-00039	Column, 3 µm, ChromXP C4, 120Å, 150 x 0.3 mm
805-00090	Column, 5 µm, ChromXP C4, 300Å, 30 x 0.3 mm
805-00091	Column, 5 µm, ChromXP C4, 300Å, 50 x 0.3 mm
805-00092	Column, 5 µm, ChromXP C4, 300Å, 100 x 0.3 mm
805-00093	Column, 5 µm ChromXP C4, 300Å, 150 x 0.3 mm
805-00040	Column, 3 µm, ChromXP Cyano, 120Å, 30 x 0.3 mm
805-00041	Column, 3 µm, ChromXP Cyano, 120Å, 50 x 0.3 mm
805-00042	Column, 3 µm, ChromXP Cyano, 120Å, 100 x 0.3 mm
805-00043	Column, 3 µm, ChromXP Cyano, 120Å, 150 x 0.3 mm
805-00044	Column, 3 µm, ChromXP Amino, 120Å, 30 x 0.3 mm
805-00045	Column, 3 µm, ChromXP Amino, 120Å, 50 x 0.3 mm
805-00046	Column, 3 µm, ChromXP Amino, 120Å, 100 x 0.3 mm
805-00047	Column, 3 µm, ChromXP Amino, 120Å, 150 x 0.3 mm
805-00048	Column, 3 µm, ChromXP C18EP, 300Å, 30 x 0.3 mm
805-00049	Column, 3 µm, ChromXP C18EP, 300Å, 50 x 0.3 mm
805-00050	Column, 3 µm, ChromXP C18EP, 300Å, 100 x 0.3 mm
805-00051	Column, 3 µm ChromXP C18EP, 300Å, 150 x 0.3 mm
805-00052	Column, 3 µm, ChromXP C8EP, 300Å, 30 x 0.3 mm
805-00053	Column, 3 µm, ChromXP C8EP, 300Å, 50 x 0.3 mm
805-00054	Column, 3 µm, ChromXP C8EP, 300Å, 100 x 0.3 mm
805-00055	Column, 3 µm, ChromXP C8EP, 300Å, 150 x 0.3 mm
805-00056	Column, 3 µm, ChromXP C4, 300Å, 30 x 0.3 mm
805-00057	Column, 3 µm, ChromXP C4, 300Å, 50 x 0.3 mm
805-00058	Column, 3 µm, ChromXP C4, 300Å, 100 x 0.3 mm
805-00059	Column, 3 µm, ChromXP C4, 300Å, 150 x 0.3 mm
805-00060	Column, 3 µm, ChromXP Si, 120Å, 30 x 0.3 mm
805-00061	Column, 3 µm, ChromXP Si, 120Å, 50 x 0.3 mm
805-00062	Column, 3 µm, ChromXP Si, 120Å, 100 x 0.3 mm
805-00063	Column, 3 µm, ChromXP Si, 120Å, 150 x 0.3 mm

**micro LC columns ChromXP 0.5 mm ID (1/32" end-fittings)**

part number	description
805-10000	Column, 3 µm, ChromXP C18AR, 120Å, 30 x 0.5 mm
805-10001	Column, 3 µm, ChromXP C18AR, 120Å, 50 x 0.5 mm
805-10002	Column, 3 µm, ChromXP C18AR, 120Å, 100 x 0.5 mm
805-10003	Column, 3 µm, ChromXP C18AR, 120Å, 150 x 0.5 mm
805-10004	Column, 3 µm, ChromXP C18EP, 120Å, 30 x 0.5 mm
805-10005	Column, 3 µm, ChromXP C18EP, 120Å, 50 x 0.5 mm
805-10006	Column, 3 µm, ChromXP C18EP, 120Å, 100 x 0.5 mm
805-10007	Column, 3 µm, ChromXP C18EP, 120Å, 150 x 0.5 mm
805-10074	Column, 5 µm, ChromXP C18EP, 120Å, 30 x 0.5 mm

805-10075	Column, 5 µm, ChromXP C18EP, 120Å, 50 x 0.5 mm
805-10076	Column, 5 µm, ChromXP C18EP, 120Å, 100 x 0.5 mm
805-10077	Column, 5 µm ChromXP C18EP, 120Å, 150 x 0.5 mm
805-10078	Column, 5 µm, ChromXP C18EP, 300Å, 30 x 0.5 mm
805-10079	Column, 5 µm, ChromXP C18EP, 300Å, 50 x 0.5 mm
805-10080	Column, 5 µm, ChromXP C18EP, 300Å, 100 x 0.5 mm
805-10081	Column, 5 µm ChromXP C18EP, 300Å, 150 x 0.5 mm
805-10012	Column, 3 µm, ChromXP C18CL, 120Å, 30 x 0.5 mm
805-10013	Column, 3 µm, ChromXP C18CL, 120Å, 50 x 0.5 mm
805-10014	Column, 3 µm, ChromXP C18CL, 120Å, 100 x 0.5 mm
805-10015	Column, 3 µm, ChromXP C18CL, 120Å, 150 x 0.5 mm
805-10016	Column, 3 µm, ChromXP C18CL, 300Å, 30 x 0.5 mm
805-10017	Column, 3 µm, ChromXP C18CL, 300Å, 50 x 0.5 mm
805-10018	Column, 3 µm, ChromXP C18CL, 300Å, 100 x 0.5 mm
805-10019	Column, 3 µm, ChromXP C18CL, 300Å, 150 x 0.5 mm
805-10082	Column, 5 µm, ChromXP C18CL, 120Å, 30 x 0.5 mm
805-10083	Column, 5 µm, ChromXP C18CL, 120Å, 50 x 0.5 mm
805-10084	Column, 5 µm, ChromXP C18CL, 120Å, 100 x 0.5 mm
805-10085	Column, 5 µm ChromXP C18CL, 120Å, 150 x 0.5 mm
805-10086	Column, 5 µm, ChromXP C18CL, 300Å, 30 x 0.5 mm
805-10087	Column, 5 µm, ChromXP C18CL, 300Å, 50 x 0.5 mm
805-10088	Column, 5 µm, ChromXP C18CL, 300Å, 100 x 0.5 mm
805-10089	Column, 5 µm ChromXP C18CL, 300Å, 150 x 0.5 mm
805-10020	Column, 3 µm, ChromXP C18AQ, 120Å, 30 x 0.5 mm
805-10021	Column, 3 µm, ChromXP C18AQ, 120Å, 50 x 0.5 mm
805-10022	Column, 3 µm, ChromXP C18AQ, 120Å, 100 x 0.5 mm
805-10023	Column, 3 µm, ChromXP C18AQ, 120Å, 150 x 0.5 mm
805-10024	Column, 3 µm, ChromXP C8EP, 120Å, 30 x 0.5 mm
805-10025	Column, 3 µm, ChromXP C8EP, 120Å, 50 x 0.5 mm
805-10026	Column, 3 µm, ChromXP C8EP, 120Å, 100 x 0.5 mm
805-10027	Column, 3 µm, ChromXP C8EP, 120Å, 150 x 0.5 mm
805-10028	Column, 3 µm, ChromXP C8CL, 120Å, 30 x 0.5 mm
805-10029	Column, 3 µm, ChromXP C8CL, 120Å, 50 x 0.5 mm
805-10030	Column, 3 µm, ChromXP C8CL, 120Å, 100 x 0.5 mm
805-10031	Column, 3 µm, ChromXP C8CL, 120Å, 150 x 0.5 mm
805-10032	Column, 3 µm, ChromXP Phenyl, 120Å, 30 x 0.5 mm
805-10033	Column, 3 µm, ChromXP Phenyl, 120Å, 50 x 0.5 mm
805-10034	Column, 3 µm, ChromXP Phenyl, 120Å, 100 x 0.5 mm
805-10035	Column, 3 µm, ChromXP Phenyl, 120Å, 150 x 0.5 mm
805-10036	Column, 3 µm, ChromXP C4, 120Å, 30 x 0.5 mm
805-10037	Column, 3 µm, ChromXP C4, 120Å, 50 x 0.5 mm
805-10038	Column, 3 µm, ChromXP C4, 120Å, 100 x 0.5 mm

805-10039	Column, 3 µm, ChromXP C4, 120Å, 150 x 0.5 mm
805-10090	Column, 5 µm, ChromXP C4, 300Å, 30 x 0.5 mm
805-10091	Column, 5 µm, ChromXP C4, 300Å, 50 x 0.5 mm
805-10092	Column, 5 µm, ChromXP C4, 300Å, 100 x 0.5 mm
805-10093	Column, 5 µm ChromXP C4, 300Å, 150 x 0.5 mm
805-10040	Column, 3 µm, ChromXP Cyano, 120Å, 30 x 0.5 mm
805-10041	Column, 3 µm, ChromXP Cyano, 120Å, 50 x 0.5 mm
805-10042	Column, 3 µm, ChromXP Cyano, 120Å, 100 x 0.5 mm
805-10043	Column, 3 µm, ChromXP Cyano, 120Å, 150 x 0.5 mm
805-10044	Column, 3 µm, ChromXP Amino, 120Å, 30 x 0.5 mm
805-10045	Column, 3 µm, ChromXP Amino, 120Å, 50 x 0.5 mm
805-10046	Column, 3 µm, ChromXP Amino, 120Å, 100 x 0.5 mm
805-10047	Column, 3 µm, ChromXP Amino, 120Å, 150 x 0.5 mm
805-10048	Column, 3 µm, ChromXP C18EP, 300Å, 30 x 0.5 mm
805-10049	Column, 3 µm, ChromXP C18EP, 300Å, 50 x 0.5 mm
805-10050	Column, 3 µm, ChromXP C18EP, 300Å, 100 x 0.5 mm
805-10051	Column, 3 µm ChromXP C18EP, 300Å, 150 x 0.5 mm
805-10052	Column, 3 µm, ChromXP C8EP, 300Å, 30 x 0.5 mm
805-10053	Column, 3 µm, ChromXP C8EP, 300Å, 50 x 0.5 mm
805-10054	Column, 3 µm, ChromXP C8EP, 300Å, 100 x 0.5 mm
805-10055	Column, 3 µm, ChromXP C8EP, 300Å, 150 x 0.5 mm
805-10056	Column, 3 µm, ChromXP C4, 300Å, 30 x 0.5 mm
805-10057	Column, 3 µm, ChromXP C4, 300Å, 50 x 0.5 mm
805-10058	Column, 3 µm, ChromXP C4, 300Å, 100 x 0.5 mm
805-10059	Column, 3 µm, ChromXP C4, 300Å, 150 x 0.5 mm
805-10060	Column, 3 µm, ChromXP Si, 120Å, 30 x 0.5 mm
805-10061	Column, 3 µm, ChromXP Si, 120Å, 50 x 0.5 mm
805-10062	Column, 3 µm, ChromXP Si, 120Å, 100 x 0.5 mm
805-10063	Column, 3 µm, ChromXP Si, 120Å, 150 x 0.5 mm

#### micro LC columns ChromXP 1 mm ID (1/32" end-fittings)

part number	description
805-20004	Column, 3 µm, ChromXP C18EP, 120Å, 30 x 1 mm
805-20005	Column, 3 µm, ChromXP C18EP, 120Å, 50 x 1 mm
805-20012	Column, 3 µm, ChromXP C18CL, 120Å, 30 x 1 mm
805-20013	Column, 3 µm, ChromXP C18CL, 120Å, 50 x 1 mm
805-20102	Column, 3 µm, ChromXP C18CL, 300Å, 50 x 1 mm

#### micro LC columns HALO™ 0.3 mm ID (0.025" end-fittings unless otherwise noted)

part number	description
805-00099	Column, 2.7 µm, HALO Fused-Core C18, 30 x 0.3 mm
805-00100	Column, 2.7 µm, HALO Fused-Core C18, 50 x 0.3 mm

805-05100	Column, 2.7 µm, HALO Fused-Core C18, 50 x 0.3 mm with 1/32" end-fittings (for use with Express-HT or ExpressLC-Ultra)
805-00101	Column, 2.7 µm, HALO Fused-Core C18, 100 x 0.3 mm
805-00102	Column, 2.7 µm, HALO Fused-Core C18, 150 x 0.3 mm
805-05200	Column, 2.7 µm, HALO Fused-Core C8, 50 x 0.3 mm with 1/32" end-fittings (for use with Express-HT or ExpressLC-Ultra)

**micro LC columns HALO™ 0.5 mm ID (1/32" end-fittings)**

part number	description
805-10099	Column, 2.7 µm, HALO Fused-Core C18, 30 x 0.5 mm
805-10100	Column, 2.7 µm, HALO Fused-Core C18, 50 x 0.5 mm
805-10101	Column, 2.7 µm, HALO Fused-Core C18, 100 x 0.5 mm
805-10102	Column, 2.7 µm, HALO Fused-Core C18, 150 x 0.5 mm
805-10116	Column, 0.5 x 150mm Halo Phenyl Hexyl 2.7u 90Å particle

**micro LC columns HALO™ 1 mm ID (1/32" end-fittings)**

part number	description
805-20099	Column, 2.7 µm, HALO Fused-Core C18, 30 x 1 mm
805-20100	Column, 2.7 µm, HALO Fused-Core C18, 50 x 1 mm
805-20101	Column, 2.7 µm, HALO Fused-Core C18, 10 x 1 mm