

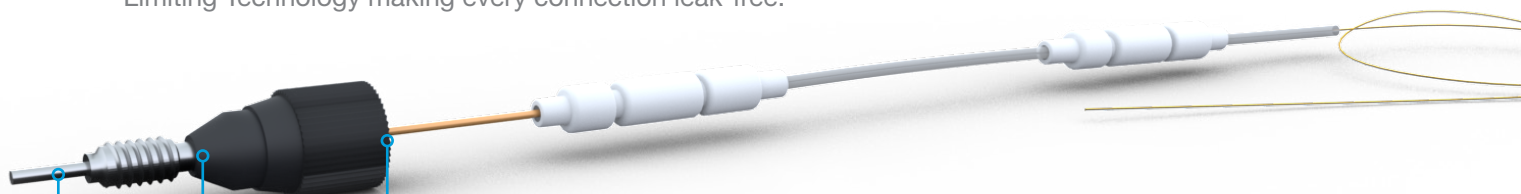
Better Sensitivity and Selectivity with

Biozen Nano LC Columns

For Omics Analysis

Zero-Dead Volume Connections in a CLICK

Biozen Nano's integrated SecurityLINK fitting system provides consistent performance through Torque Limiting Technology making every connection leak-free.



Fingertight

Easy fingertight installation, the "CLICK" feedback confirms connection is secure

Click n' Done

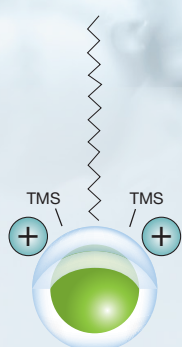
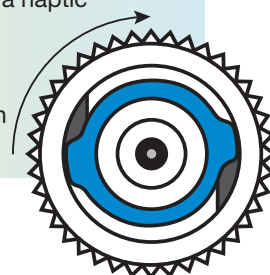
Torque Limiting Technology prevents overtightening or undertightening

Zero Dead-Volume

Sealing technology eliminates extra internal volume

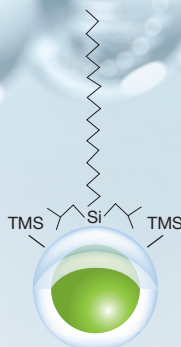
What is Torque Limiting Technology?

Once the perfect connection has been made through fingertightening, the SecurityLINK fitting offers a haptic "CLICK" to confirm that optimum torque has been reached. This ensures a consistent connection each and every time and prevents over or undertightening that may cause column performance issues.



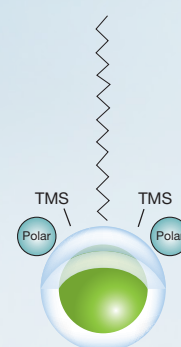
Biozen Peptide PS-C18

Excellent retention by combined positively charged surface ligand and C18 ligand.



Biozen Peptide XB-C18

Overall retention of both acidic and basic peptides through C18 stationary phase with di-isobutyl side chains.



Biozen Polar C18

Enhanced selectivity / retention for polar analytes without diminishing useful non-polar retention

Ordering Information

Biozen Nano LC Columns with Integrated SecurityLINK™ Fitting



Phases	150 x 0.075 mm	250 x 0.075 mm	500 x 0.075 mm
Biozen 2.6 µm Peptide PS-C18	00F-4797-AW-21	00G-4797-AW-21	–
Biozen 2.6 µm Peptide XB-C18	00F-4768-AW-21	00G-4768-AW-21	00J-4768-AW-21
Biozen 2.6 µm Polar-C18	00F-4796-AW-21	00G-4796-AW-21	–
Biozen 5 µm Peptide XB-C18	–	–	00J-4792-AW-21

Biozen Nano LC Columns with Double SecurityLINK Fitting



Phases	150 x 0.075 mm	250 x 0.075 mm	500 x 0.075 mm
Biozen 2.6 µm Peptide PS-C18	00F-4797-AW-22	00G-4797-AW-22	–
Biozen 2.6 µm Peptide XB-C18	00F-4768-AW-22	00G-4768-AW-22	00J-4768-AW-22
Biozen 2.6 µm Polar C18	00F-4796-AW-22	00G-4796-AW-22	–
Biozen 5 µm Peptide XB-C18	–	–	00J-4792-AW-22

Biozen Nano LC Columns with Open Fused-Silica Inlet Fitting



Phases	150 x 0.075 mm	250 x 0.075 mm	500 x 0.075 mm
Biozen 2.6 µm Peptide PS-C18	00F-4797-AW-11	00G-4797-AW-11	–
Biozen 2.6 µm Peptide XB-C18	00F-4768-AW-11	00G-4768-AW-11	–
Biozen 2.6 µm Polar-C18	00F-4796-AW-11	00G-4796-AW-11	–
Biozen 5 µm Peptide XB-C18	–	–	00J-4792-AW-11

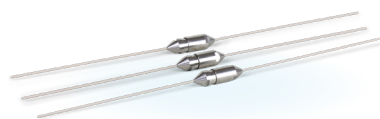
High pH Fractionation Column

Fractionation Column		
Part No.	Description	Dimension
00F-4793-AN	Biozen 3 µm High pH Fractionation Column	150 x 2.1 mm



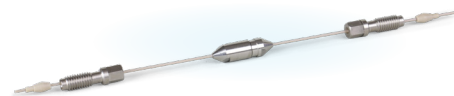
Nano Trap Columns

Trap Columns		
Phases	10 x 0.075 mm	Unit
RP-1 (General RP)	05N-4252-AW	3/pk
RP-2 (Aqueous Stable RP)	05N-4754-AW	3/pk



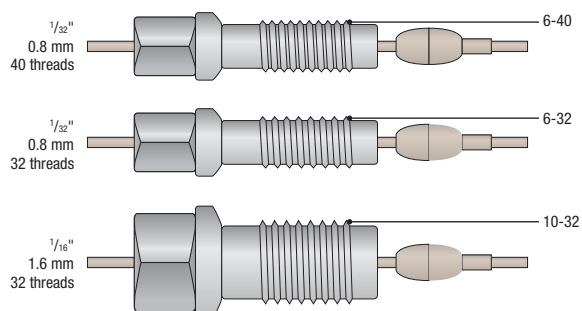
Fittings

Trap Fittings		
Part No.	Description	Unit
AQO-7602	PEEKLoK™ fittings with 6-40 thread for 1/32" OD tubing (2 x fittings, 6 x ferrules and 1 x tightening tool)	ea
AQO-7603	PEEKLoK fittings with 6-32 thread for 1/32" OD tubing (2 x fittings, 6 x ferrules and 1 x tightening tool)	ea
AQO-7600	PEEKLoK fittings with 10-32 thread for 1/32" OD tubing with low profile hex head (2 x fittings, 6 x ferrules and 1 x wrench)	ea



Trap Fitting Guide

Traps		
Threads per Inch	Pitch (inches)	Pitch (mm)
32	0.0313	0.794
40	0.025	0.635



Caution

The installation of an improper nut could potentially cause cross-threading or damage to the port and fitting

Verify fit: Traps are available for 1/16" connections (10–32 thread) or with 1/32" connections (6–40 or 6-32 thread).

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