

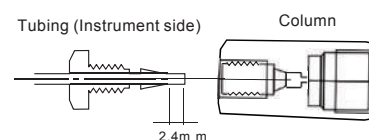
Column End-fittings

Column End-fittings

The specification of GL Sciences' end-fitting style is summarized below. The chromatographic separation and result can be negatively impacted if the style of the column end-fittings does not match the existing tubing ferrule settings.

Column Type	End-fitting
InertSustain C18, InertSustain C8, InertSustain Phenyl, Inertsil ODS-4, Inertsil ODS-3, Inertsil C8-4, Inertsil C8-3, Inertsil Ph-3, InertSustainSwift C18, InertSustainSwift C8, InertSustain Series, Inertsil Series,	Parker Style (UP Type)
InertSphere Sugar-1, InertSphere Sugar-2, InertSphere FA-1	
InertSustain AQ-C18, InertSustainSwift C18, InertSustainSwift C8	
UHPLC PEEK Columns, PEEK Columns	
SYPRON AX-1, SYPRON AX-2	
Mono Series, GL-Park Series	
Capillary EX Columns	
Capillary EX Nano Columns	
Cartridge Guard Column E, Cartridge Guard Column Ei	
Guard Column for UHPLC, GL Cart	
Packed Guard Column, Packed Mini Guard Column	
Preparative Guard Column, PREP Guard Column	
Capillary EX Micro Guard Column	

•Parker Style (UP type)



Recommended Operating Pressure

GL Sciences' HPLC columns can tolerate up to pressures shown below. Although the columns are packed by high pressure slurry method, it is recommended to keep the operating pressure under the pressure shown below to maintain peak performance and ensure long column life and stability.

Analytical Columns	End-fittings	Maximum Operating Pressure
InertSustain Series InertSustainSwift Series Inertsil Series	1.9 μm , 2 μm	80 MPa (800 bar)
InertSustain Series InertSustainSwift Series Inertsil Series	3 μm HP	50 MPa (500 bar)
InertSustain Series InertSustainSwift Series Inertsil Series	3~10 μm	20 MPa (200 bar)
InertSphere Sugar-1	5 μm	15 MPa (150 bar)
Capillary EX Columns	3 μm , 5 μm	20 MPa (200 bar)
Capillary EX Nano Columns	3 μm , 5 μm	15 MPa (150 bar)

Guard Columns	Maximum Operating Pressure
Guard Column for UHPLC	80 MPa (800 bar)
Cartridge Guard Column E Cartridge Guard Column Ei GL Cart, Pre-clean ORG PREP Guard Cartridge	20 MPa (200 bar)
Packed Guard Columns Packed Mini Guard Columns Capillary Micro Guard Columns Preparative Guard Columns	20 MPa (200 bar)