

Technical Note | Fortis[®] -W UHPLC Columns

Proven Compatibility with Waters Acquity[®] System
and WILL NOT void any Waters Warranty*

Perfectly Compatible

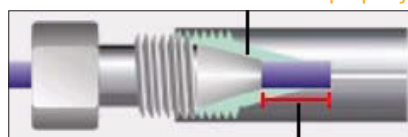
Fortis Technologies has developed a line of UHPLC columns that is perfectly compatible with Waters Acquity[®] Systems. Fortis -W columns use the same connection as a Waters column, making them perfectly compatible with the Acquity[®] system without changing any fittings. Using Fortis -W Columns will not invalidate any Waters Warranty, as no changes are made to the system.



Proper Fittings Are Important

A proper fit is imperative for columns and fittings. Whether the fitting is too long or too short, problems will occur.

Ferrule cannot seat properly

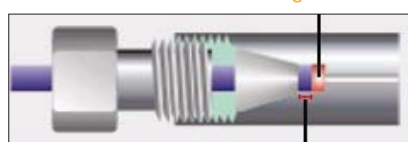


Too Long, Leaks Occur

Too Long

If the fitting is too long, the ferrule cannot seat properly - and leaks will occur.

Mixing Chamber



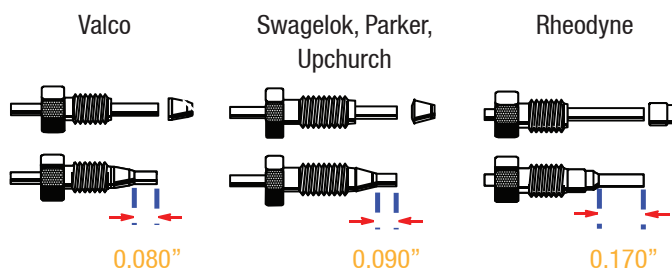
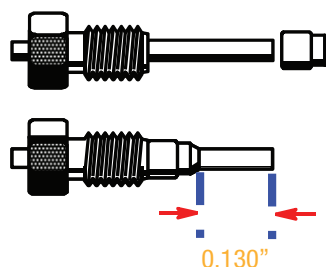
Too Short, Creates a Mixing Chamber

Too Short

If the fitting is too short, a dead volume, or mixing chamber, will occur.

Various Fitting Sizes

Waters & Fortis -W



LC/GC Magazine. 6:788 (1988). JW Dolan and P Upchurch. Troubleshooting LC Fittings, Part II.

*As no changes to the system are made.

Fortis[®] is a registered trademark of Fortis Technologies.
Acquity[®] is a registered trademark of Waters Corporation Inc.

Fortis -W HPLC Columns | Acquity® Compatible

1.7µm C18 (WF)

F18-050501-w	1.7µm Fortis 100x4.6mm C18
F18-050301-w	1.7µm Fortis 50x4.6mm C18
F18-050201-w	1.7µm Fortis 30x4.6mm C18
F18-030701-w	1.7µm Fortis 150x3.0mm C18
F18-030501-w	1.7µm Fortis 100x3.0mm C18
F18-030301-w	1.7µm Fortis 50x3.0mm C18
F18-030201-w	1.7µm Fortis 30x3.0mm C18
F18-020701-w	1.7µm Fortis 150x2.1mm C18
F18-020501-w	1.7µm Fortis 100x2.1mm C18
F18-020301-w	1.7µm Fortis 50x2.1mm C18
F18-020201-w	1.7µm Fortis 30x2.1mm C18
F18-020101-w	1.7µm Fortis 20x2.1mm C18

1.7µm Diphenyl (WF)

FPH-050501-w	1.7µm Fortis 100x4.6mm Diphenyl
FPH-050301-w	1.7µm Fortis 50x4.6mm Diphenyl
FPH-050201-w	1.7µm Fortis 30x4.6mm Diphenyl
FPH-030701-w	1.7µm Fortis 170x3.0mm Diphenyl
FPH-030501-w	1.7µm Fortis 100x3.0mm Diphenyl
FPH-030301-w	1.7µm Fortis 50x3.0mm Diphenyl
FPH-030201-w	1.7µm Fortis 30x3.0mm Diphenyl
FPH-020701-w	1.7µm Fortis 150x2.1mm Diphenyl
FPH-020501-w	1.7µm Fortis 100x2.1mm Diphenyl
FPH-020301-w	1.7µm Fortis 50x2.1mm Diphenyl
FPH-020201-w	1.7µm Fortis 30x2.1mm Diphenyl
FPH-020101-w	1.7µm Fortis 20x2.1mm Diphenyl

1.7µm H2o (WF)

FHO-050501-w	1.7µm Fortis 100x4.6mm H2o
FHO-050301-w	1.7µm Fortis 50x4.6mm H2o
FHO-050201-w	1.7µm Fortis 30x4.6mm H2o
FHO-030701-w	1.7µm Fortis 150x3.0mm H2o
FHO-030501-w	1.7µm Fortis 100x3.0mm H2o
FHO-030301-w	1.7µm Fortis 50x3.0mm H2o
FHO-030201-w	1.7µm Fortis 30x3.0mm H2o
FHO-020701-w	1.7µm Fortis 150x2.1mm H2o
FHO-020501-w	1.7µm Fortis 100x2.1mm H2o
FHO-020301-w	1.7µm Fortis 50x2.1mm H2o
FHO-020201-w	1.7µm Fortis 30x2.1mm H2o
FHO-020101-w	1.7µm Fortis 20x2.1mm H2o

1.7µm HILIC (WF)

FHI-050501-w	1.7µm Fortis 100x4.6mm HILIC
FHI-050301-w	1.7µm Fortis 50x4.6mm HILIC
FHI-050201-w	1.7µm Fortis 30x4.6mm HILIC
FHI-030701-w	1.7µm Fortis 150x3.0mm HILIC
FHI-030501-w	1.7µm Fortis 100x3.0mm HILIC
FHI-030301-w	1.7µm Fortis 50x3.0mm HILIC
FHI-030201-w	1.7µm Fortis 30x3.0mm HILIC
FHI-020701-w	1.7µm Fortis 150x2.1mm HILIC
FHI-020501-w	1.7µm Fortis 100x2.1mm HILIC
FHI-020301-w	1.7µm Fortis 50x2.1mm HILIC
FHI-020201-w	1.7µm Fortis 30x2.1mm HILIC
FHI-020101-w	1.7µm Fortis 20x2.1mm HILIC

1.7µm C8 (WF)

F08-050501-w	1.7µm Fortis 100x4.6mm C8
F08-050301-w	1.7µm Fortis 50x4.6mm C8
F08-050201-w	1.7µm Fortis 30x4.6mm C8
F08-030701-w	1.7µm Fortis 150x3.0mm C8
F08-030501-w	1.7µm Fortis 100x3.0mm C8
F08-030301-w	1.7µm Fortis 50x3.0mm C8
F08-030201-w	1.7µm Fortis 30x3.0mm C8
F08-020701-w	1.7µm Fortis 150x2.1mm C8
F08-020501-w	1.7µm Fortis 100x2.1mm C8
F08-020301-w	1.7µm Fortis 50x2.1mm C8
F08-020201-w	1.7µm Fortis 30x2.1mm C8
F08-020101-w	1.7µm Fortis 20x2.1mm C8

1.7µm Cyano (WF)

FCN-050501-w	1.7µm Fortis 100x4.6mm Cyano
FCN-050301-w	1.7µm Fortis 50x4.6mm Cyano
FCN-050201-w	1.7µm Fortis 30x4.6mm Cyano
FCN-030701-w	1.7µm Fortis 150x3.0mm Cyano
FCN-030501-w	1.7µm Fortis 100x3.0mm Cyano
FCN-030301-w	1.7µm Fortis 50x3.0mm Cyano
FCN-030201-w	1.7µm Fortis 30x3.0mm Cyano
FCN-020701-w	1.7µm Fortis 150x2.1mm Cyano
FCN-020501-w	1.7µm Fortis 100x2.1mm Cyano
FCN-020301-w	1.7µm Fortis 50x2.1mm Cyano
FCN-020201-w	1.7µm Fortis 30x2.1mm Cyano
FCN-020101-w	1.7µm Fortis 20x2.1mm Cyano

1.7µm Amino (WF)

FNH-050501-w	1.7µm Fortis 100x4.6mm Amino
FNH-050301-w	1.7µm Fortis 50x4.6mm Amino
FNH-050201-w	1.7µm Fortis 30x4.6mm Amino
FNH-030701-w	1.7µm Fortis 150x3.0mm Amino
FNH-030501-w	1.7µm Fortis 100x3.0mm Amino
FNH-030301-w	1.7µm Fortis 50x3.0mm Amino
FNH-030201-w	1.7µm Fortis 30x3.0mm Amino
FNH-020701-w	1.7µm Fortis 150x2.1mm Amino
FNH-020501-w	1.7µm Fortis 100x2.1mm Amino
FNH-020301-w	1.7µm Fortis 50x2.1mm Amino
FNH-020201-w	1.7µm Fortis 30x2.1mm Amino
FNH-020101-w	1.7µm Fortis 20x2.1mm Amino

1.7µm DIOL (WF)

FDI-050501-w	1.7µm Fortis 100x4.6mm DIOL
FDI-050301-w	1.7µm Fortis 50x4.6mm DIOL
FDI-050201-w	1.7µm Fortis 30x4.6mm DIOL
FDI-030701-w	1.7µm Fortis 150x3.0mm DIOL
FDI-030501-w	1.7µm Fortis 100x3.0mm DIOL
FDI-030301-w	1.7µm Fortis 50x3.0mm DIOL
FDI-030201-w	1.7µm Fortis 30x3.0mm DIOL
FDI-020701-w	1.7µm Fortis 150x2.1mm DIOL
FDI-020501-w	1.7µm Fortis 100x2.1mm DIOL
FDI-020301-w	1.7µm Fortis 50x2.1mm DIOL
FDI-020201-w	1.7µm Fortis 30x2.1mm DIOL
FDI-020101-w	1.7µm Fortis 20x2.1mm DIOL