

Guard Columns: Integra-Guard™ Columns

restek innovation!

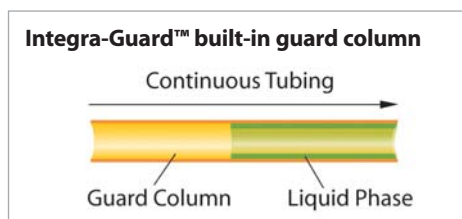
Integra-Guard™ Columns: guard columns WITHOUT connections—protecting your analytical column has never been this easy!

Innovative Integra-Guard™ Columns

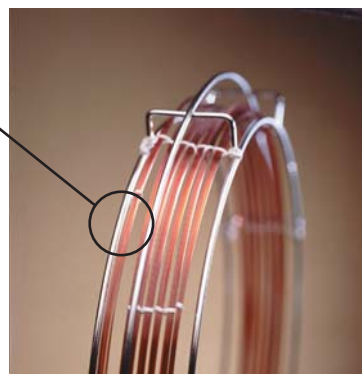
For analysts who find it inconvenient to make a leak-free connection between the guard column and the analytical column, we offer Integra-Guard™ columns. These innovative columns incorporate both guard column and analytical column in a continuous length of tubing, eliminating the connection and all connection-associated problems! The guard column section is tied separately from the analytical column, using high-temperature string.

Our wide variety of Integra-Guard™ capillary columns are listed in the figure below. The Integra-Guard™ column is so economical that we challenge you to compare our price against that of a conventional connection, even if you assemble it yourself. If you are currently using a guard column, or are considering using one, call today and ask about Integra-Guard™ columns.

Ordering is simple. Just add the appropriate suffix number and price to the analytical column's catalog number and price. For example, a 30m, 0.25mm ID, 0.25µm Rtx®-5 column with a 5-meter Integra-Guard™ column is cat.# 10223-124.



Phases currently available as Integra-Guard™ columns



Rtx®-1
Rtx®-1MS
Rtx®-5
Rtx®-5MS
Rxi®-5Sil MS
Rtx®-1301
Rtx®-624
Rtx®-1701
Rtx®-Volatiles
Rtx®-20
Rtx®-35
Rtx®-35MS
Rtx®-BAC 1 & 2
Stabilwax®

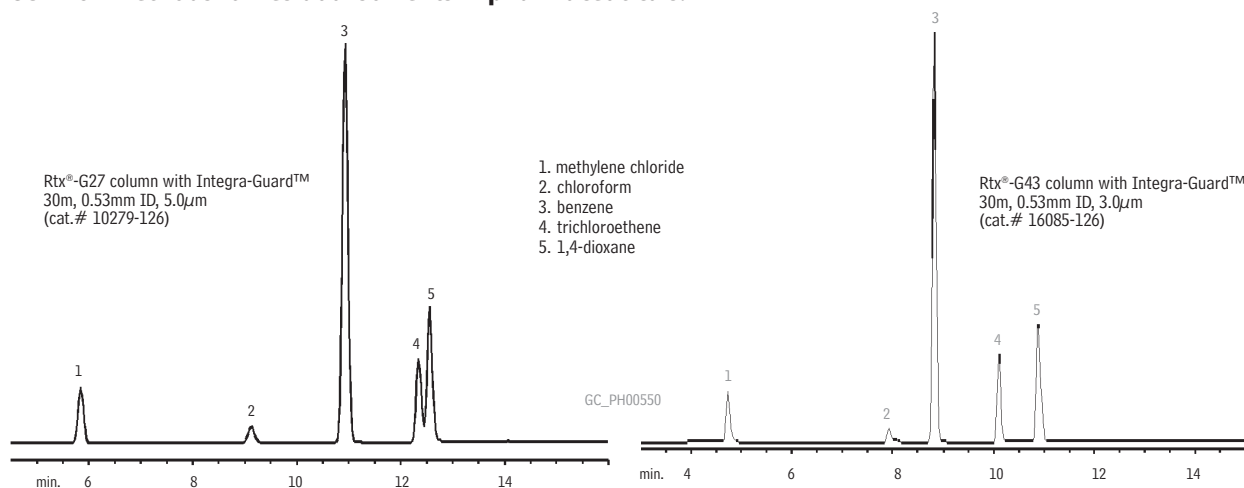
Integra-Guard™ columns are available for all phases listed, for columns with 0.25 to 0.53mm ID and lengths to 75 meters.

ID	Length	Suffix #
0.25mm	5m	-124
	10m	-127
0.28mm	5m	-243
	10m	-244
0.32mm	5m	-125
	10m	-128
0.53mm	5m	-126
	10m	-129

similar products

DuraGuard, EZ-Guard,
Guardian

An Rtx®-G27 or Rtx®-G43 column with a 5-meter Integra-Guard™ column meets the requirements of USP 467 methods for residual solvents in pharmaceuticals.



1. methylene chloride
2. chloroform
3. benzene
4. trichloroethene
5. 1,4-dioxane

Inj. 1.0µL direct injection of USP <467> Mix #3, cat.# 36004
Oven temp.: 35°C (hold 5 min.) to 175°C @ 8°C/min. to 260°C @ 35°C/min.
Inj./det. temp.: 200°C/240°C
Carrier gas: helium
Linear velocity: 34cm/sec. set @ 35°C
FID sensitivity: 1 x 10⁻¹¹ AFS
Recommended liner: Uniliner®