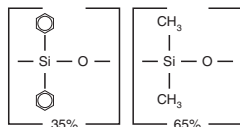


Rtx[®]-35 and Rtx[®]-35MS

Rtx[®]-35 Structure



Rtx[®]-35/Rtx[®]-35MS (midpolarity phase; Crossbond[®] 35% diphenyl/65% dimethyl polysiloxane)

- General purpose columns for organochlorine pesticides, PCB congeners or (e.g.) Aroclor mixes, herbicides, pharmaceuticals, sterols, rosin acids, phthalate esters.
- Temperature range: 40°C to 320°C.
- Equivalent to USP G42 phase.

An Rtx[®]-35 column is a popular confirmation column for pesticides and herbicides, in conjunction with an Rtx[®]-5 or Rtx[®]-1701 column. The higher phenyl content causes useful elution order and retention time changes.

Rtx[®]-35 Columns (fused silica)

(Crossbond[®] 35% diphenyl/65% dimethyl polysiloxane)

ID	df (μm)	temp. limits*	15-Meter	30-Meter	60-Meter
0.25mm	0.25	40 to 320°C	10420	10423	
	0.50	40 to 310°C	10435	10438	
	1.00	40 to 290°C	10450	10453	10456
	3.00	40 to 290°C	10451	10454	
0.32mm	0.25	40 to 320°C	10421	10424	10427
	0.50	40 to 310°C	10436	10439	
	1.00	40 to 290°C	10451	10454	
	1.50	40 to 270/290°C	10466	10469	
	3.00	40 to 250/270°C	10481	10484	
	0.53mm	0.25	40 to 260/280°C	10422	10425
0.53mm	0.50	40 to 300°C	10437	10440	
	1.00	40 to 290°C	10452	10455	
	1.50	40 to 280°C	10467	10470	
	3.00	40 to 240/260°C	10482	10485	

ID	df (μm)	temp. limits	10-Meter	20-Meter	40-Meter
0.18mm	0.20	40 to 300/320°C	40401	40402	40403
	0.40	40 to 290/310°C	40410	40411	40412

Rtx[®]-35MS—Low-bleed GC/MS Columns (fused silica)

(Crossbond[®] 35% diphenyl/65% dimethyl polysiloxane)

- Column specifically tested for low bleed performance.

ID	df (μm)	temp. limits	15-Meter	30-Meter
0.25mm	0.10	40 to 320°C	14605	14608
	0.25	40 to 320/340°C	14620	14623
	0.50	40 to 310/330°C	14635	14638
	1.00	40 to 290/310°C	14650	14653
0.32mm	0.10	40 to 320/340°C	14606	14609
	0.25	40 to 320/340°C	14621	14624
	0.50	40 to 310/330°C	14636	14639
	1.00	40 to 290/310°C	14651	14654
0.53mm	0.50	40 to 300/320°C	14637	14640
	1.00	40 to 290°C	14652	14655
	1.50	40 to 280/300°C	14667	14670

*Maximum temperatures listed are for 15- and 30-meter lengths. Longer lengths may have a slightly reduced maximum temperature.

similar phases

DB-35, HP-35, SPB-35,
SPB-608

ordering note

Rtx[®]-35 columns are available with Integra-Guard™ built-in guard columns. Get the protection without the connection! See [page 30](#) for descriptions and ordering information.

also available

MXT[®] Columns

Rugged, flexible, Siltek[®] treated stainless steel tubing; inertness comparable to fused silica tubing. See [page 104](#) for our MXT[®]-35 columns.

Rtx[®]-35 Amine Columns

See [page 58](#).