

Rtx[®]-1 Columns (fused silica)(nonpolar phase; Crossbond[®] 100% dimethyl polysiloxane)

- General purpose columns for solvent impurities, PCB congeners (e.g. Aroclor mixes), simulated distillation, drugs of abuse, gases, natural gas odorants, sulfur compounds, essential oils, hydrocarbons, semivolatiles, pesticides, oxygenates.
- Temperature range: -60 °C to 350 °C.
- Equivalent to USP G1, G2, G38 phases.

Rtx[®]-1 columns exhibit long lifetime and very low bleed at high operating temperatures. A proprietary synthesis process eliminates residual catalysts that could cause degradation and increase bleed.

ID	df	temp. limits*	15-Meter	30-Meter	60-Meter	105-Meter
0.25mm	0.10µm	-60 to 330/350°C	10105	10108	10111	
	0.25µm	-60 to 330/350°C	10120	10123	10126	10129
	0.50µm	-60 to 330/350°C	10135	10138	10141	10144
	1.00µm	-60 to 320/340°C	10150	10153	10156	10159
0.32mm	0.10µm	-60 to 330/350°C	10106	10109	10112	
	0.25µm	-60 to 330/350°C	10121	10124	10127	10130
	0.50µm	-60 to 330/350°C	10136	10139	10142	
	1.00µm	-60 to 320/340°C	10151	10154	10157	10160
	1.50µm	-60 to 310/330°C	10166	10169	10172	10175
	3.00µm	-60 to 280/300°C	10181	10184	10187	10190
	4.00µm	-60 to 280/300°C		10198		
	5.00µm	-60 to 260/280°C	10176	10178	10180	
0.53mm	0.10µm	-60 to 320/340°C	10107	10110		
	0.25µm	-60 to 320/340°C	10122	10125	10128	
	0.50µm	-60 to 310/330°C	10137	10140	10143	
	1.00µm	-60 to 310/330°C	10152	10155	10158	
	1.50µm	-60 to 310/330°C	10167	10170	10173	
	3.00µm	-60 to 270/290°C	10182	10185	10188	10189
	5.00µm	-60 to 270/290°C	10177	10179	10183	10194
	7.00µm	-60 to 240/260°C	10191	10192	10193	

ID	df	temp. limits	10-Meter	20-Meter	40-Meter
0.10mm	0.10µm	-60 to 330/350°C	41101	41102	
	0.40µm	-60 to 320/340°C	41103	41104	
0.18mm	0.20µm	-60 to 330/350°C	40101	40102	40103
	0.40µm	-60 to 320/340°C	40110	40111	40112

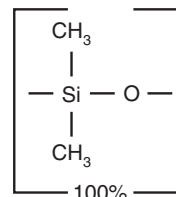
*Maximum temperatures listed are for 15- and 30-meter lengths. Longer lengths may have a slightly reduced maximum temperature.

Rtx[®]-1 with Integra-Guard[®] Column

Get the protection without the connection!

- Extend column lifetime.
- Eliminate leaks with a built-in retention gap.
- Inertness verified by isothermal testing.

Description	qty.	cat.#	price
30m, 0.25mm ID, 0.25µm Rtx-1 w/5m Integra-Guard Column	ea.	10123-124	
30m, 0.53mm ID, 1.00µm Rtx-1 w/5m Integra-Guard Column	ea.	10155-126	
30m, 0.53mm ID, 5.00µm Rtx-1 w/5m Integra-Guard Column	ea.	10179-126	

Rtx[®]-1 Structure**similar phases**

DB-1, DB-1MS, HP-1, HP-1MS, Ultra-1, SPB-1, Equity-1, MDN-1, VF-1ms, CP-Sil 5 CB

also available**Metal MXT[®] Columns**

Rugged, flexible, Siltek[®] treated stainless steel tubing; inertness comparable to fused silica tubing. See **page 115** for our MXT[®]-1 columns.

it's a fact

For exceptional inertness, ultra-low bleed, and unsurpassed performance, choose Rxi[®]-1ms columns! See **pages 36-41**.

crossbond[®] technology

reduces bleed, prolongs column lifetime, and allows rejuvenation through solvent rinsing.

**Catch the Buzz**

Sign up for Restek's e-newsletter, *The Buzz*
www.restek.com/buzz