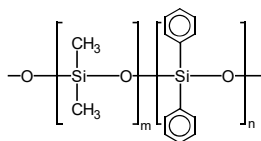




TRB-5MS

95% Dimethyl- 5% diphenylpolysiloxane, bonded and crosslinked phase.

- The TRB-5MS Column uses the same stationary phase as TRB-5, but the polymer synthesis process, the capillary deactivation technique and the bonding and crosslinking procedures have been optimized to obtain the minimum possible bleeding level and an exceptional chemical inertness
- The bleeding specifications for a column of 30m x 0,25 mm x 0,25 μm (P/N 520232) indicate that it is lower than 4 pA at 320°C
- Column recommended to work with any selective detector
- Ideal column to connect with a mass detector. Its ultra-low bleeding joined to its high chemical inertness allows for a better signal/noise ratio (higher sensitivity level), and therefore better detection and quantification of sample components at low concentrations.



Structure of Poly (dimethyldiphenyl) siloxane

TRB-5MS Equivalent Phase

Restek: Rtx-5ms, Rxi-5ms
Agilent/JW: HP-5MS, CP-Sil8-MS, DB-5MS UI, Ultra-2
Supelco: PTE-5, Equity-5
Macherey-Nagel: OPTIMA-5ms
Phenomenex: ZB-5MS

TRB-5MS

Diam.(mm)	InternalLength		Temp limits (°C)	Part. N°. (P/N)	
	(m)	Film Thickness (μm)			
0,10	10	0,10	-60 to 325-350	TR-520141	
		0,40		TR-520441	
	20	0,10	-60 to 325-350	TR-520181	
		0,40		TR-520481	
0,18	20	0,18	-60 to 325-350	TR-520984	
	40	0,18		TR-5209C4	
0,20	12	0,33	-60 to 325-350	TR-5233B9	
		0,33		TR-523319	
	25	0,33	-60 to 325-350	TR-523329	
		0,33		TR-523339	
		0,33		TR-523359	
	60	0,33	-60 to 325-350	TR-523369	
		0,25		TR-520112	
0,25	15	0,25	-60 to 325-350	TR-520212	
		1,00		TR-521012	
	30	0,10	-60 to 325-350	TR-520132	
		0,25		TR-520232	
	30	1,00	-60 to 325-350	TR-521032	
		0,10		TR-520162	
	60	0,25	-60 to 325-350	TR-520262	
		1,00		TR-521062	
	0,32	15	0,10	-60 to 325-350	TR-520113
			0,25		TR-520213
15		0,50	-60 to 325-350	TR-520513	
		1,00		TR-521013	
30		0,10	-60 to 325-350	TR-520133	
		0,25		TR-520233	
30		0,50	-60 to 325-350	TR-520533	
		1,00		TR-521033	
60		0,10	-60 to 325-350	TR-520163	
		0,25		TR-520263	
60	0,50	-60 to 325-350	TR-520563		
	1,00		TR-521063		
0,53	15	0,50	-60 to 320-340	TR-520515	
		1,00		TR-521015	
	15	1,50	-60 to 310-330	TR-521515	
		0,50		TR-520535	
	30	1,00	-60 to 320-340	TR-521035	
		1,50		TR-521535	



Teknokroma Capillary Columns

The TRB-5MS column has an excellent resolution and symmetry in all its polarity range, for neutral, acid and basic compounds. All these substances that appear in the analysis of semivolatiles traces (for example, EPA official methods) can be analyzed in only one column.

