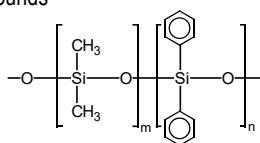


TRB-5.625

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

- Specially manufactured column to fulfil the level of inertness required by the EPA methods for the analysis of semivolatiles compounds, designed for methods 625, 1625, 8270 and CLP protocols
- Inertness and minimum absorption for acidic, basic and neutral compounds



Structure of Poly (dimethyldiphenyl) siloxane

TRB-5.625 Equivalent Phase

Supelco: PTE-5
Agilent: DB-5.625

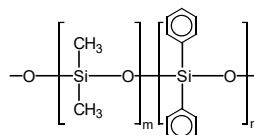
TRB-5.625

InternalLength	Film	Temp	Part.	
Diam.(mm) (m)	Thickness (µm)	limits (°C)	N°. (P/N)	
0,18	20	0,18	-60 to 325/350	TR-260984
	20	0,36	-60 to 325/350	TR-263484
	20	0,72	-60 to 325/350	TR-263484
0,20	12	0,33	-60 to 325/350	TR-2633B9
	25	0,33	-60 to 325/350	TR-263329
	50	0,33	-60 to 325/350	TR-263359
0,25	15	0,10	-60 to 325/350	TR-260112
	15	0,25	-60 to 325/350	TR-260212
	15	0,50	-60 to 325/350	TR-260512
	15	1,00	-60 to 325/350	TR-261012
	30	0,10	-60 to 325/350	TR-260132
	30	0,25	-60 to 325/350	TR-260232
	30	0,50	-60 to 325/350	TR-260532
	30	1,00	-60 to 325/350	TR-261032
	60	0,10	-60 to 325/350	TR-260162
0,32	60	0,25	-60 to 325/350	TR-260262
	15	0,10	-60 to 325/350	TR-260113
	15	0,25	-60 to 325/350	TR-260213
	15	0,50	-60 to 325/350	TR-260513
	15	1,00	-60 to 325/350	TR-261013
	30	0,10	-60 to 325/350	TR-260133
	30	0,25	-60 to 325/350	TR-260233
	30	0,50	-60 to 325/350	TR-260533
	30	1,00	-60 to 325/350	TR-261033
0,53	60	0,10	-60 to 325/350	TR-260163
	15	1,50	-60 to 320/340	TR-261515
	30	0,50	-60 to 320/340	TR-260535
	30	1,00	-60 to 310/330	TR-261035
60	0,25	-60 to 325/350	TR-260265	

TRB-G27

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

- Column which fulfils the specifications of the American Pharmacopea (USP) for the test of organic volatile impurities (OVI) in pharmaceutical products (Methods <USP 467>).



Structure of Poly (dimethyldiphenyl) siloxane

TRB-G27 Equivalent Phase

Restek: Rtx-G27
Supelco: G27

TRB-G27

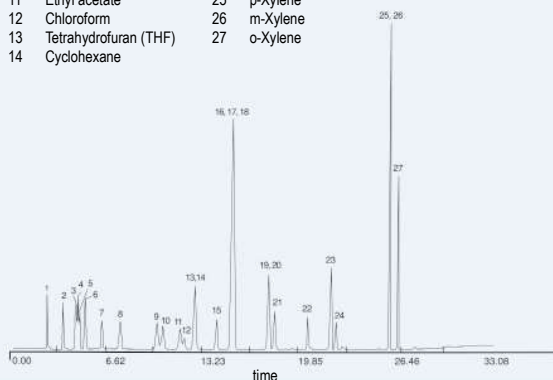
InternalLength	Film	Temp	Part.	
Diam.(mm) (m)	Thickness (µm)	limits (°C)	N°. (P/N)	
0,53	30	5,00	-60 to 270/290	TR-175035

Residual solvents in pharmaceutical products

Column: **TRB-G27**, 30 m x 0,53 mm x 5,0 µm, P/N TR-175035
Injection: 220°C, split 1:80, 5 m phenylmethyl deactivated retention gap
Carrier Gas: He, 4.5 psi (31 kPa), 35 cm/s to 35°C
Oven: 35°C (10 min) to 100°C @ 5°C/min to 240°C (5 min) @ 25°C/min
Detector: FID, 250°C
Sample: 0,02 µL solvent mixture

Peak Name

1	Methanol	15	1,2-Dichloroethane
2	Ethanol	16	Benzene
3	Acetonitrile	17	Carbon tetrachloride
4	Acetone	18	n-Butanol
5	Isopropanol	19	n-Heptane
6	Ethyl ether	20	Trichloroethylene
7	Methylene chloride	21	1,4-Dioxane
8	n-Propanol	22	Pyridine
9	Methyl ethyl ketone (MEK)	23	Toluene
10	n-Hexane	24	Dimethylformamide (DMF)
11	Ethyl acetate	25	p-Xylene
12	Chloroform	26	m-Xylene
13	Tetrahydrofuran (THF)	27	o-Xylene
14	Cyclohexane		



TKG 1114