

OV[®]-5 (5% Diphenyl, 95% Dimethylpolysiloxane)

Features

- Non Polar
- Bonded and Crosslinked
- High Temperature Range
- Equivalent to USP Phase G27
- General Purpose Column
- Solvent Rinsable

Applications

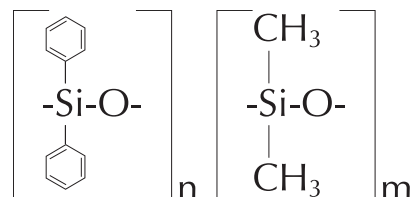
- Alkaloids
- Aromatics
- Drugs of Abuse
- Fatty Acid Methyl Esters
- Herbicides
- Hydrocarbons
- Halogenated Compounds
- Pesticides

Similar Phases

- BP-5
- ZB-5
- CP-Sil 8CB
- DB-5
- HP-5
- SPB-5
- Rtx-5

ID	Film Micron	Temperature Limit (Celsius)	15 Meter	30 Meter	60 Meter	105 Meter
0.25mm	0.10	-60 to 330/350	515-2501	530-2501	560-2501	5105-2501
0.25mm	0.25	-60 to 330/350	515-2502	530-2502	560-2502	5105-2502
0.25mm	0.50	-60 to 330/350	515-2503	530-2503	560-2503	5105-2503
0.25mm	1.00	-60 to 320/340	515-2504	530-2504	560-2504	5105-2504
0.32mm	0.10	-60 to 330/350	515-3201	530-3201	560-3201	5105-3201
0.32mm	0.25	-60 to 330/350	515-3202	530-3202	560-3202	5105-3202
0.32mm	0.50	-60 to 330/350	515-3203	530-3203	560-3203	5105-3203
0.32mm	1.00	-60 to 330/350	515-3204	530-3204	560-3204	5105-3204
0.32mm	1.50	-60 to 310/330	515-3210	530-3210	560-3210	5105-3210
0.53mm	0.10	-60 to 320/340	515-5301	530-5301	560-5301	
0.53mm	0.25	-60 to 320/340	515-5302	530-5302	560-5302	
0.53mm	0.50	-60 to 320/340	515-5303	530-5303	560-5303	
0.53mm	1.00	-60 to 310/330	515-5304	530-5304	560-5304	
0.53mm	1.50	-60 to 310/330	515-5310	530-5310	560-5310	
0.53mm	3.00	-60 to 270/290	515-5311	530-5311	560-5311	
0.53mm	5.00	-60 to 270/290	515-5312	530-5312	560-5312	5105-5312

ID	Film Micron	Temperature Limit (Celsius)	15 Meter	30 Meter
0.45mm	0.42	-60 to 300/320	515-4542	530-4542
0.45mm	1.27	-60 to 300/320	515-4527	530-4527



OV[®]-5ms (5% Diphenyl, 95% Dimethylpolysiloxane)

Features

- Exact equivalent to OV[®]-5 (USP G27)
- Very low bleed characteristics
- Bonded and cross-linked
- Non-polar

ID	Film Micron	Temperature Limit (Celsius)	15 Meter	30 Meter
0.25mm	0.10	-60 to 330/360	515-3901	530-3901
0.25mm	0.25	-60 to 330/360	515-3902	530-3902
0.25mm	0.50	-60 to 330/360	515-3903	530-3903
0.32mm	0.10	-60 to 320/360	515-4601	530-4601
0.32mm	0.25	-60 to 330/360	515-4602	530-4602
0.32mm	0.50	-60 to 330/360	515-4603	530-4603
0.53mm	0.50	-60 to 330/360	515-6703	530-6703

Technical Assistance

For those chromatographers who are new to capillary GC or confused about what to order, we recommend that you call OV[®]'s Technical Service Department at (740) 373-2159.

Don't waste your time or money guessing. OV[®] has been doing separation chemistry for over 42 years and has thousands of applications at their disposal. We can recommend the correct column and accessories for your application. A phone call to our technical service department could save you thousands of dollars. Remember, call our Technical Service at (740) 373-2159.

OV[®]-5ms Bleed Test

Catalog Number: 530-4602
30 Meter x 0.32mm OV[®]-5ms
0.25 Micron Film

1. Methylene Chloride 1.97 Min.
2. 2-Chlorophenol 2.893
3. Undecane 3.687
4. 2,6-Dimethylaniline 4.62
5. Dodecane 5.14
6. Decyl Alcohol 6.747
7. Tridecane 7.757
8. Tetradecane 12.463

Oven Temp: 113°C (Hold 15 minutes)
then 10°C/min to 320°C (Hold 30 minutes)

Carrier Gas: Helium

Bleed: 4.3 pA

