Liquid Phases

We can prepare packed columns from the extensive list of liquid phases shown here.

Phase	min./max. temp. (°C)
Apiezon® L	50/300
p,p'-Azoxydiphenetole	132/140
BC-120	0/125
Bentone-34	0/180
bis (2-ethoxyethyl) adipate	0/150
bis (2-ethylhexyl) phthalate	150 max.
bis (2-methoxyethyl) adipate	20/100
n,n'-Bis(*p*-methoxylbenzylidene)-α,α'-bi-*p*-toluidine (BMBT)	189/225
Carbowax® 1000	40/150
Carbowax® 1540	50/175
Carbowax® 20M	60/225
Carbowax® 20M-terephthalic acid	60/225
Carbowax® 400	10/100
Carbowax® 600	30/125
Cyclohexanedimethanol succinate	100/250
DC®-11	0/300
DC®-200	0/200
DC®-550	20/250
DEGS-PS	20/200
Dexsil® 300 carborane/methyl silicone	50/540
Di(2-ethylhexyl)sebacate	0/125
Diethylene glycol succinate (DEGS)	20/200
Diethylene glycol adipate (DEGA)	0/200
Diisodecyl phthalate	0/175
2,4-Dimethylsulfolane	0/50
Di-*n*-decyl phthalate	10/175
Dinonyl phthalate	20/150
Ethylene glycol adipate	100/225
Ethylene glycol phthalate	100/200
Ethylene glycol succinate	100/200
FFAP	50/250
Fluorad FC-431, 50% solution in ethyl acetate	40/200
Hallcomid M-18-OL	8/150
Halocarbon 10-25	20/100
Halocarbon K-352	0/250
Halocarbon wax	50/150
Igepal® CO-880 (Nonoxynol)	100/200
Igepal® CO-890	100/200
Krytox	-30/260
Neopentyl glycol adipate	50/225
Neopentyl glycol sebacate	50/225
Neopentyl glycol succinate	50/225
Nonoxynol (Igepal® CO-880)	100/200
β,β-Oxydipropionitrile	0/75
OV®-1, dimethyl (gum)	100/350
OV®-1, vinyl	100/350
OV®-3, phenyl methyl	0/350
OV®-7, phenyl methyl dimethyl, 20% phenyl	0/350
OV®-11, phenyl methyl dimethyl, 35% phenyl	0/350
OV®-17, phenyl methyl, 50% phenyl	0/375

Phase	min./max. temp. (°C)
OV®-22, phenyl methyl diphenyl, 65% phenyl	0/350
OV®-25, phenyl methyl diphenyl, 75% phenyl	0/350
OV®-61, diphenyl, 33% phenyl	0/350
OV®-73, 5.5% diphenyl	0/325
OV®-101, dimethyl (fluid)	0/350
OV®-105, cyanopropyl methyl	0/275
OV®-202, trifluoropropyl (fluid)	0/275
OV®-210, trifluoropropyl (fluid)	0/275
OV®-215, trifluoropropyl (gum)	0/275
OV®-225, cyanopropyl methylphenyl methyl	0/265
OV®-275, dicyanoallyl	25/250
OV®-330, silicone - Carbowax®	0/250
OV®-351	50/270
OV®-1701, vinyl	0/250
Phenyldiethanolamine succinate	0/230
Polethylene glycol adipate (EGA)	100/225
Polyphenyl ether (5 rings) OS-124	0/200
Polyphenyl ether (6 rings) OS-138	0/225
Polypropylene glycol	0/150
Rtx®-1 (Rt™-101)	0/350
Rt™-1000	50/250
Rt™-1200	25/200
Rt™-1220	50/200
Rt™-1500, Rt™-1510	50/230
Rt™-2100	0/350
Rt™-2300	20/275
Rt™-2330, Rt™-2340	25/275
Rt™-608Pkd	0/275
Rt™-Sebaconitrile	25/110
Rt™-XLSulfur	250 max.
SE®-30, SE®-52, SE®-54	50/300
Silar® 5 CP, Silar® 10 CP	0/250
Sorbitol	150 max.
Squalane	20/100
Squalene	0/100
Stabilwax®	40/240
Tetracyanoethylated pentaerythritol	30/175
THEED (Tetrahydroxyethlenediamine)	0/125
β,β-Thiodipropionitrile (TDPN)	100
Tricresyl phosphate	20/125
1,2,3-Tris (2-cyanoethoxy) propane (TCEP)	0/175
Triton® X-100, Triton® X-305	0/200
UC® W982	0/300
UCON® 50-HB-2000	0/200
UCON® 50-HB-280-X	0/200
UCON® 50-HB-5100	0/200
UCON® HB-1800-X	200 max.
UCON® LB-550-X	0/200
Versamid® 9000	190/275

Advantages of using Restek packed columns

- Reasonably priced.
- Low-bleed, long-lifetime bonded phases.
- Wide variety of supports and packings.
- Produced by experienced packed column chromatographers.

did you know?

We have many more liquid phases.
If you don't see the phase you need, call technical service or contact your Restek representative for availability.