

Liquid Phases

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

Phase	min./max. temp. (°C)	Phase	min./max. temp. (°C)
Apiezon L	50/300	OV-25, phenyl methyl diphenyl, 75% phenyl	0/350
<i>p,p'</i> -Azoxydiphenetole	132/140	OV-61, diphenyl, 33% phenyl	0/350
BC-120	0/125	OV-73, 5.5% diphenyl	0/325
Bentone-34	0/180	OV-101, dimethyl (fluid)	0/350
bis (2-ethoxyethyl) adipate	0/150	OV-105, cyanopropyl methyl	0/275
bis (2-ethylhexyl) phthalate	150 max.	OV-202, trifluoropropyl (fluid)	0/275
bis (2-methoxyethyl) adipate	20/100	OV-210, trifluoropropyl (fluid)	0/275
<i>n,n'</i> -Bis(<i>p</i> -methoxybenzylidene)- α,α' -bi- <i>p</i> -toluidine (BMBT)	189/225	OV-215, trifluoropropyl (gum)	0/275
Carbowax 1000	40/150	OV-225, cyanopropyl methylphenyl methyl	0/265
Carbowax 20M	60/225	OV-275, dicyanoallyl	25/250
Carbowax 20M-terephthalic acid	60/225	OV-330, silicone - Carbowax	0/250
Carbowax 400	10/100	OV-351	50/270
Carbowax 600	30/125	OV-1701, vinyl	0/250
Cyclohexanedimethanol succinate	100/250	Phenyldiethanolamine succinate	0/230
DC-11	0/300	Polethylene glycol adipate (EGA)	100/225
DC-200	0/200	Polyphenyl ether (5 rings) OS-124	0/200
DC-550	20/250	Polyphenyl ether (6 rings) OS-138	0/225
DEGS-PS	20/200	Polypropylene glycol	0/150
Di(2-ethylhexyl)sebacate	0/125	Rtx-1 (Rt-101)	0/350
Diethylene glycol succinate (DEGS)	20/200	Rt-1000	50/250
Diethylene glycol adipate (DEGA)	0/200	Rt-1200	25/200
Diisodecyl phthalate	0/175	Rt-1220	50/200
2,4-Dimethylsulfolane	0/50	Rt-1500, Rt-1510	50/230
Di- <i>n</i> -decyl phthalate	10/175	Rt-2100	0/350
Dinonyl phthalate	20/150	Rt-2300	20/275
Ethylene glycol adipate	100/225	Rt-2330, Rt-2340	25/275
Ethylene glycol phthalate	100/200	Rt-608Pkd	0/275
Ethylene glycol succinate	100/200	Rt-Sebaconitrile	25/110
FFAP	50/250	Rt-XLSulfur	250 max.
Fluorad FC-431, 50% solution in ethyl acetate	40/200	SE-30, SE-52, SE-54	50/300
Hallcomid M-18-OL	8/150	Silar 5 CP, Silar 10 CP	0/250
Halocarbon 10-25	20/100	Sorbitol	150 max.
Halocarbon K-352	0/250	Squalane	20/100
Halocarbon wax	50/150	Squalene	0/100
Igepal® CO-880 (Nonoxynol)	100/200	Stabilwax	40/240
Igepal CO-890	100/200	Tetracyanoethylated pentaerythritol	30/175
Krytox	-30/260	THEED (Tetrahydroxyethylenediamine)	0/125
Neopentyl glycol adipate	50/225	β,β -Thiodipropionitrile (TDPN)	100
Neopentyl glycol sebacate	50/225	Tricresyl phosphate	20/125
Neopentyl glycol succinate	50/225	1,2,3-Tris (2-cyanoethoxy) propane (TCEP)	0/175
Nonoxynol (Igepal CO-880)	100/200	Triton X-100, Triton X-305	0/200
β,β -Oxydipropionitrile	0/75	UC W982	0/300
OV-1, dimethyl (gum)	100/350	UCON 50-HB-2000	0/200
OV-1, vinyl	100/350	UCON 50-HB-280-X	0/200
OV-3, phenyl methyl	0/350	UCON 50-HB-5100	0/200
OV-7, phenyl methyl dimethyl, 20% phenyl	0/350	UCON HB-1800-X	200 max.
OV-11, phenyl methyl dimethyl, 35% phenyl	0/350	UCON LB-550-X	0/200
OV-17, phenyl methyl, 50% phenyl	0/375	Versamid 9000	190/275
OV-22, phenyl methyl diphenyl, 65% phenyl	0/350		

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.