



These columns have been used for the last 50 years in all kinds of analyses for gas chromatography.

«Packed column use today is understandable due to the wide range of solid support packings available and to their high on-column sample capacity. These aspects make packed columns quite versatile for a wide range of applications».

«Today Packed columns are still demonstrating their utility in the solution of many analytical problems where it is not necessary to use the high resolution of capillary columns».

«Teknokroma has packed columns since its beginnings and have always provided a wide range and latest advantages in this area of gas chromatography. Within these new advances we showcase the latest advance in micro-packed columns (0,75mm and 1,00mm ID) and new bonded phase packings».

## WE CAN SUPPLY YOU ANY KIND OF COLUMNS... JUST ASK FOR THEM!

Tubing	External Diameter (OD)	Internal Diameter (ID)
Glass	1/4"	2mm, 3mm and 4 mm
Stainless Steel	1/4" and 1/8"	4mm, 3mm and 2 mm
Silcosteel®	1/4" and 1/8"	5.2mm and 2 mm
	1/16"	0.75mm and 1 mm
Nickel, Teflon and Copper	1/8"	2 mm

## COLUMNS CAN BE DELIVERED PRE-CONDITIONED OR CONDITIONED AND PROVED AT AN EXTRA COST (PLEASE INQUIRE).

To order a packed column it is necessary to supply the following parameters:

Agilent 5890	ON-Column	Glass	1.8m x 1/4" OD	3% Chromosorb W-HP
			X 2mm ID	SE-30 80/100 mesh

DESCRIPTION	T LIMITS (°C)	USP CODE
Alltech AT™-1000	50/250	635
Apiezon® L	50/300	-
Apiezon® M	50/300	-
Bentone 34	0/180	-
N,N-bis-(2-Cyanoethyl)formamide (BCEF)	20/125	-
N,N-bis-(p-Methoxybenzylidene)-o,o'-bi-p-toluidine (BMBT)	150	-
Bis-(2-ethoxyethyl) Adipate (BEEA)	150	-
Bis-(2-methoxyethyl) Adipate (BMEA)	150	-
Carbowax® 400	20/100	620
Carbowax® 540	40/175	639
Carbowax® 600	20/125	-
Carbowax® 1000	40/150	614
Carbowax® 1450	50/175	-
Carbowax® 3350	60/200	615
Carbowax® 6000	60/200	-
Carbowax® 20M	60/225	616
Carbowax® 20M-TPA	60/250	625
DC-200, 350cstk (Methyl)	20/250	-
DC-200, 500cstk (Methyl)	20/250	-
DC-550, (25%-Phenyl)	20/225	628
Dexsil® 300GC	50/400	633
Di-n-butyl Maleate	20/50	-
Di-n-decyl phthalate	10/175	-
Di(2-ethylhexyl)sebacate	0/125	611
Diethyleneglycol Adipate	20/210	-
Diethyleneglycol Succinate	20/200	64
Diglycerol	20/100	-
2,4-Dimethylsulfonate	0/50	-
Dinonyl Phthalate	20/150	-
Diisodecyl Phthalate	20/150	624
Ethyleneglycol Adipate	100/210	-
Ethyleneglycol Succinate	100/210	-
Fluorad FC-431	40/200	-
FFAP	50/250	635
Halocarbon oil 14-25	150	-
Igepal® CO-630	30/200	-
Igepal® CO-880 (Nonoxynol)	100/200	631
Igepal® CO-990	100/200	-
Kel-F® Oil No.10	100	-
Neopentylglycol Succinate	50/230	621
OV™-1 (Methyl gum)	100/350	62

DESCRIPTION	T LIMITS (°C)	USP CODE
DV™-17 (50% phenyl)	20/350	63
DV™-17-Vinyl (50% phenyl)	300+	-
DV™-25 (75% phenyl)	300	G17
DV™-101 (Methyl fluid)	20/350	G1
DV™-210 (50% Trifluoropropyl)	20/275+	66
DV™-225 (25% phenyl, 25% cyanopropyl methyl)	20/250+	G19
DV™-275 (Dicyanoallyl)	250+	-
DV™-1701	0/250	-
β, β-Oxydipropionitrile	0/75	-
Phenyldiethanolamine Succinate	0/230	G12
Polyethylene glycol adipate	0/225	G23
Polyethyleneimine	0/175	-
Polyphenyl ether (5 rings) OS-124	0/200	-
Polyphenyl ether (6 rings) OS-138	0/225	-
Polypropylene glycol	0/150	-
Polypropyleneimine	0/200	-
QF-1 (50% Trifluoropropyl)	20/250	-
SE-30 (Methyl gum)	75/300	-
SE-30 (GC grade)	75/300	G2
SE-52 (5% Phenyl)	50/300	G27
SE-54 (5% Phenyl, 1% Vinyl)	50/300	G36
Sebacitrile	150	-
Silar® 5CP (50% Cyanopropyl Phenyl Silicone)	50/250	67
Silar® 9CP (90% Cyanopropyl Phenyl Silicone)	50/250	68
Silar® 10C (100% Cyanopropyl Silicone)	50/250	65
Sorbitol	100/150	G13
SP-1200	25/200	-
SP-2100 (Methyl silicone)	0/350	G1
SP-2300 (Polycyanopropylphenylsiloxane)	20/275	67
SP-2330 (Poly(80%-biscyanopropyl-20%-cyanopropylphenyl)siloxane)	25/275	68
SP-2340 (Polybiscyanopropylsiloxane)	25/275	65
Squalene	20/150	-
SUPEROX® 4 (4.000.000 MW)	300	-
SUPEROX® 20M (20.000 MW)	60/250	-
Tetracyanoethylated Pentaerythritol (TCEPE)	30/150	-
Tetrahydroxyethylene Diamine (THEED)	125	-
1,2,3-Tris-(2-cyanoethoxy)propane (TCEP)	20/180	-
Triton® X-100	0/200	-
Triton® X-305 (Octylphenoxy Polyethoxyethanol)	20/250	-
UC-W-98 (UC-W982)	80/300+	G9
UCDN LB-1800-X (Polyalkylene Glycol)	200	G18
Versamid® 900	275	-

For other stationary phases please inquire



### PACKED COLUMNS

Column: 5% Carbowax 20M CarboBlack B/AW, 80/120 mesh

Dimensions: 2m x 1/8" OD X 2mm ID, (Silcosteel)

Injection: 1 µl standard, 175°C

Carrier Gas: He, 15mL/min

Oven temperature: 60°C(6min) @ 10°C/min to 150°C(7min)

Detector: FID, 175°C



