Sunpak-A (50ml)

Mesh Size	50 - 80	80 - 100	100 - 120
P/N	S-98	-	-
Max. Temp.	250℃		
Price (JPY)	27,000	27,000	27,000

(50ml)

P/N	Max. Temp.	Price (JPY)	Stationary phase	%	Polarity	Support	Applications
A-42	220℃	38,500	Apiezon L + KOH	5 + 1	None	Sunpak-A	Lower amines
F-17	250℃	39,000	FON	5	Strong	Sunpak-A	Lower fatty acids
T-86	250℃	39,000	Thermon-1000 + KOH	5 + 3	Strong	Sunpak-A	Lower diamines
T-87	250℃	39,000	Thermon-1000 + KOH	5 + 1	Strong	Sunpak-A	Amino alcohols
T-88	250℃	37,000	Thermon-1000	5	Strong	Sunpak-A	Solvents in water
T-89	250℃	52,000	Thermon-3000 + KOH	5 + 1	Strong	Sunpak-A	Lower amines

Sunpak-H (75ml)

Mesh Size	50 - 80	80 - 100	100 - 120
Max. Temp.	275°C		
Price (JPY)	90,000	90,000	90,000

Sunpak-E (50ml)

Mesh Size	50 - 80	80 - 100	100 - 120
Max. Temp.	190°C		
Price (JPY)	37,000	37,000	37,000

Sunpak-P (50ml)

Mesh Size	50 - 80	80 - 100	100 - 120
Max. Temp.	275°C		
Price (JPY)	28,000	28,000	28,000

Sunpak-S (50ml)

P/N	Max. Temp.	Price (JPY)	Applications
S-125	190℃	59,000	Hydrogen sulfide and carbonyl sulfide in hydrocarbons(C_1 - C_4)

TENAX®-TA (5g)

Mesh Size	20 - 35	35 - 60	60 - 80	80 - 100
Price (JPY)	40,000	40,000	40,000	40,000

(8g)

Mesh Size	20 - 35	35 - 60	60 - 80	80 - 100
Price (JPY)	60,000	60,000	60,000	60,000

(15g)

Mesh Size	20 - 35	35 - 60	60 - 80	80 - 100
Price (JPY)	90,000	90,000	90,000	90,000

(*TENAX@ TA is a 2,6-diphenyl-p-phenylene oxide based porous polymer with a weak polarity. Maximum operating temperature is 350°C.)

Porapak® (manufactured by Waters Corporation)

Mesh Size		Volume (gram)	50 - 80		80 - 100		100 - 120		Applications
Description	Max Temp (°C)		P/N	Price (JPY)	P/N	Price (JPY)	P/N	Price (JPY)	
P	250	20	ZGC-00056-072	45,000	ZGC-00057-072	45,000	ZGC-00058-072	45,000	Carbonyl compounds (Low polarity), Glycols, Alcohols(slightly-polar column)
Q	250	26	ZGC-00059-075	43,000	ZGC-00060-075	43,000	ZGC-00061-075	43,000	O2 in N2, and Organic compounds in aqueous hydrocarbons (versatility purpose column)
R	250	24	ZGC-00062-073	58,000	ZGC-00063-073	58,000	ZGC-00064-073	58,000	Ethers, Esters, Water from aqueous Cl2 and HCL (Mid-polar column)
S	250	26	ZGC-00065-075	58,000	ZGC-00066-075	58,000	ZGC-00067-075	58,000	Alcohols (iso- and normal- type)
PS	250	20	ZGC-00068-072	45,000	ZGC-00069-072	45,000	ZGC-00070-072	45,000	Aldehydes, glycols (low-tailing type-P column)
QS	250	26	ZGC-00071-075	45,000	ZGC-00072-075	45,000	ZGC-00073-075	45,000	Organic acids, Polar compounds easy to cause Tailing (low-tailing type-P column)
N	190	29	ZGC-00074-076	65,000	ZGC-00075-076	65,000	ZGC-00076-076	65,000	CO2, NH3, Water, Acetylene gas from C2-hydrocarbons
T	190	31	ZGC-00077-078	60,000	ZGC-00078-078	60,000	ZGC-00079-078	60,000	Formaldehyde in water (High polarity)

Polymer Type : P : Styrene - Divinylbenzene Q : Ethylvinylbenzene - Divinylbenzene R : Vinylpyrollidone S : Vinylpyridone

N : DVB - EVB - Ethyleneglycoldimethacrylate T : EGDMA