

Sunpak-A (50ml)

Mesh Size	50 - 80	80 - 100	100 - 120
P/N	S-98	-	-
Max. Temp.	250℃		
Price (JPY)	26,000	26,000	26,000

(50ml)

P/N	Max. Temp.	Price (JPY)	Stationary phase	%	Polarity	Support	Applications
A-42	220℃	37,500	Apiezon L + KOH	5 + 1	None	Sunpak-A	Lower amines
F-17	250℃	38,000	FON	5	Strong	Sunpak-A	Lower fatty acids
T-86	250℃	38,000	Thermon-1000 + KOH	5 + 3	Strong	Sunpak-A	Lower diamines
T-87	250℃	38,000	Thermon-1000 + KOH	5 + 1	Strong	Sunpak-A	Amino alcohols
T-88	250℃	36,000	Thermon-1000	5	Strong	Sunpak-A	Solvents in water
T-89	250℃	51,000	Thermon-3000 + KOH	5 + 1	Strong	Sunpak-A	Lower amines

Sunpak-H (75ml)

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

Sunpak-E (50ml)

Mesh Size	50 - 80	80 - 100	100 - 120
Max. Temp.	190℃		
Price (JPY)	36,000	36,000	36,000

Sunpak-S (50ml)

P/N	Max. Temp.	Price (JPY)	Applications
S-125	190℃	58,000	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)	30,000	30,000	30,000	30,000

(8g)

Mesh Size	20 - 35	35 - 60	60 - 80	80 - 100
Price (JPY)	46,000	46,000	46,000	46,000

(15g)

Mesh Size	20 - 35	35 - 60	60 - 80	80 - 100
Price (JPY)	58,000	58,000	58,000	58,000

(*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 (℃)		P/N	Price (JPY)	P/N	Price (JPY)	P/N	Price (JPY)	
P	250	20	ZGC-00056-072	42,000	ZGC-00057-072	42,000	ZGC-00058-072	42,000	Carbonyl compounds (Low polarity), Glycols, Alcohols(slightly-polar column)
Q	250	26	ZGC-00059-075	40,000	ZGC-00060-075	40,000	ZGC-00061-075	40,000	O2 in N2, and Organic compounds in aqueous hydrocarbons (versatility purpose column)
R	250	24	ZGC-00062-073	54,000	ZGC-00063-073	54,000	ZGC-00064-073	54,000	Ethers, Esters, Water from aqueous Cl2 and HCL (Mid-polar column)
S	250	26	ZGC-00065-075	54,000	ZGC-00066-075	54,000	ZGC-00067-075	54,000	Alcohols (iso- and normal- type)
PS	250	20	ZGC-00068-072	42,000	ZGC-00069-072	42,000	ZGC-00070-072	42,000	Aldehydes, glycols (low-tailing type-P column)
QS	250	26	ZGC-00071-075	42,000	ZGC-00072-075	42,000	ZGC-00073-075	42,000	Organic acids, Polar compounds easy to cause Tailing (low-tailing type-P column)
N	190	29	ZGC-00074-076	60,000	ZGC-00075-076	60,000	ZGC-00076-076	60,000	CO2, NH3, Water, Acetylene gas from C2-hydrocarbons
T	190	31	ZGC-00077-078	56,000	ZGC-00078-078	56,000	ZGC-00079-078	56,000	Formaldehyde in water (High polarity)

Polymer Type : P : Styrene - Divinylbenzene Q : Ethylvinylbenzene - Divinylbenzene R : Vinylpyrrolidone S : Vinylpyridone
N : DVB - EVB - Ethyleneglycoldimethacrylate T : EGDMA