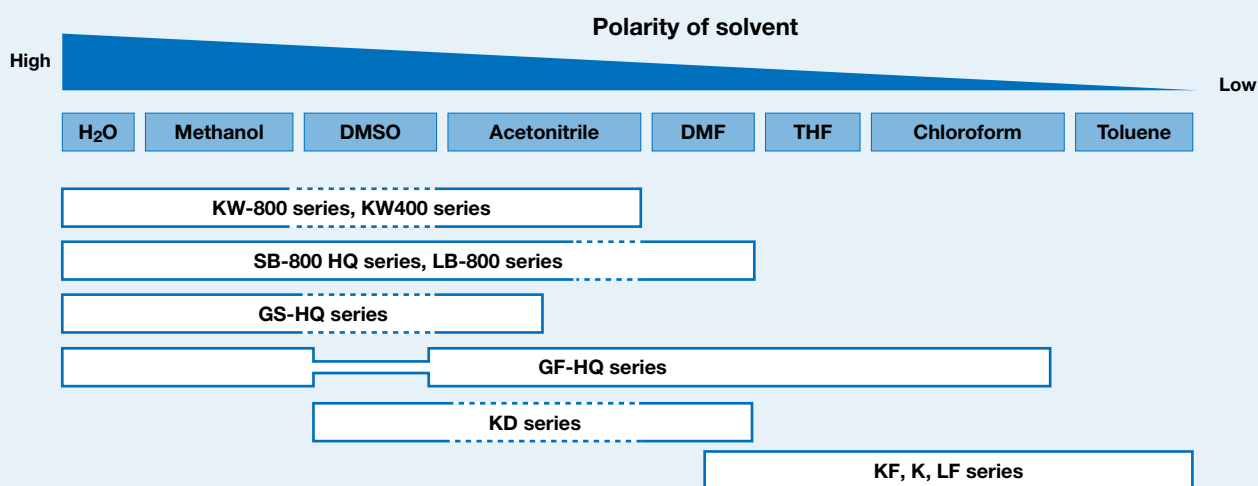


Column Selection for Size Exclusion Chromatography (SEC)

	Application	Solvent	Column	Page
Aqueous SEC (GFC)	Biological macromolecules (proteins, peptides, nucleic acids, etc.)	Buffer etc.	KW-800 series	36
			KW400 series <small>High performance (solvent-saving)</small>	36
	Biological macromolecules (high MW range)	Buffer etc.	SB-800 HQ series	38
			LB-800 series	38
	Water-soluble polymers (polyacrylamide, polyethylenimine, etc.) Polysaccharides	H ₂ O, Buffer Aqueous solution etc.	SB-800 HQ series	38
			LB-800 series	38
Oligosaccharide, polysaccharides	H ₂ O, Aqueous solution etc.	KS-800 series	24	
		GS-HQ series	42	
Organic SEC (GPC)	General polymers	THF	KF-800 series	46
			KF-600 series <small>Rapid analysis (solvent-saving)</small>	52
			KF-400HQ series <small>High performance (solvent-saving)</small>	52
			LF series <small>High linearity of calibration curve</small>	56
	Polar polymers (polyimides, polyvinylpyrrolidones etc.)	DMF	K-800 series	48
			KD-800 series	50
			SB-800 HQ series	38
	Analysis at high temperature (polyethylene, polypropylene etc.)	ODCB etc.	LB-800 series	38
			HT-800 series	58
			UT-800 series	58
	Engineering resin analysis at room temperature [polyamide (Nylon), polyethylene terephthalate (PET) etc.]	HFIP	AT-806MS	58
			HFIP-800 series	60
HFIP-600 series <small>Rapid analysis (solvent-saving)</small>			60	
			LF series <small>High linearity of calibration curve</small>	56
Aqueous/Organic SEC			GF-HQ series	44

Guideline for column solvent usability



* See page 62 for the solvent replaceability of organic solvent SEC (GPC) packed columns.