

Material Table-Others

PARTS	Characteristic	Instantaneous Low/High Temperature		Recommended	
Seal Part	NR	High elasticity	-20	85	-5~70
	NBR	Oil resistivity	-30	100	-15~90
	EPDM	Aging resistance, ozone resistance, corrosion resistance	-40	125	-25~110
	HT EPDM	Same as above, added heat resistance	-40	150	-25~135
	SBR (wear-resistant)	Excellent traction performance and wear resistance	-30	100	-15~80
	CR (neoprene)	Oil, heat, flame, sunlight, ozone, acid and alkali resistance	-30	125	-15~100
	Hypalon	Oxidation resistance, resistance to winding and cracking	-40	120	-25~110
	FPM (viton)	Chemical and most oils resistance, (except ketones & esters)	-20	200	-5~150
	MVQ (silicon)	High and low temperature resistance, oil, corrosion resistance	-55	200	-30~180
	PU	Chemical, oil, wear, low temperature, aging resistance	-20	120	-5~90
	FEP (F46)	Chemical resistance, radiation resistance	-20	150	-5~120
	PTFE	Heat, cold, acid, alkali, organic solvents resistant	-60	180	-45~150
	RPTFE	Corrosion resistance, low friction coefficient	-60	180	-45~150
	PFA	Excellent chemical corrosion resistance, low friction coefficient	-196	200	-60~180
	PPL	High temperature and chemical corrosion resistance	-60	230	-45~200
	UPVC	Corrosion and pressure resistance, hygiene	-30	100	-15~80
	CPVC	Corrosion and pressure resistance, hygiene	-30	110	-15~95
	PVDF	Anti aging and chemical resistance	-30	100	-15~70
	PEEK	High temperature and chemical resistance	-60	300	-45~260
	Flexible graphite	Cold and hot resistant, corrosion resistant, self-lubricating	-200	600	-60~550
Ceramic fiber	Fire, high temperature resistance, low thermal conductivity	-200	1050	-60~950	
Metal to metal	High temperature, high pressure, wear, corrosion resistance	Refer to the metal material			