

KEY FLUOROPOLYMER PROPERTIES TABLE

Material		SpG	Cont. Use Temp °C	Tensile psi / Elong % @ Break	Flex-Mod, psi	Low Temp Brittleness, °C
PTFE	Polytetrafluoroethylene	2.17	260	4500/350	65,000	- 268
PFA	Propyl vinyl ether/Mod. TFE	2.17	260	4000/300	85,000	- 268
MFA	Methyl vinyl ether/Mod. TFE	2.17	260	4000/350	120,000	- 268
FEP	Fluorinated ethylene – propylene	2.15	200	3400/300	90,000	- 268
EFEP	Ethylene – FEP – Co-polymer	1.73	< 150	6500/500	190,000	N/A
ETFE	Ethylene – TFE – Co-polymer	1.78	150-200	6500/250	1.7 x 10 ⁵	< - 100
THV	PTFE, HFP, PVDF Terpolymer	2.04	150	4060/500	71,000	< - 50
PVDF	Polyvinylidene Fluoride Homopolymer	1.76	125-150	4600/100	230,000	10
PVDF	Ployvinylidene Fluoride Copolymer (flexible)	1.81	110-120	5000/600	32,000	-53