

KEY FLUOROPOLYMER PROPERTIES

	PTFE	PFA	FEP	ETFE
Continuous Use Temperature °C (°F)	260 (500)	260 (500)	204 (400)	150 (302)
Low Temp. Brittleness °C (°F)	-268 (-450)	-268 (-450)	-268 (-450)	-100 (-148)
Specific Gravity	2.13 - 2.22	2.15	2.13 - 2.15	1.75 - 1.79
Flexural Modulus MPa (psi)	500 (72,000)	590 (85,000)	620 (90,000)	(93,500)
Folding Endurance (MIT) Cycles	>1,000,000	50,000		120,000
Hardness Shore D	50 - 65	55	56	75
Tensile Strength MPa (psi)	21 - 35 (3,000 - 5,000)	25 (3,600)	23 (3,400)	38.5 (5,500)
Elongation at break, %	300 - 500	300	300	300 - 600