

Material: PTFE TUBE

Properties		Units	PTFE
Physical	Melting point	°C	327-342
	Density	g/cm ³	2.16
Mechanical	Tensile strength	Mpa	26-36
	Ultimate elongation	%	325
	Impact resistance 23°C-54°C	J/M	187-107
	Hardness	Shore-D	D-55
	Flex life	Mpa	490
	Flexural modulus	Cycles to failure	885 000 > 90 X 10 ⁶
	Coefficient of friction		0.1
Thermal	Peak melting temp.	°C	327
	Limiting oxygen	%	>95
	Heat of combustion	MG/kg	4.9-5.0
	Continuous maximum service temperature	°C	260
Electrical properties	Relative permittivity	1KHZ-1MHZ	2.040
	Dissipation factor	@MHZ	0.00010
	ARC Resistance	S	240-300
	Volume resistivity	Ω.m	>10 ⁶
	Surface resistivity	Ω	>10 ⁶

*DAIKIN-POLYFLON™ PTFE F-104 complies with FDA 21 CFR.177.1550