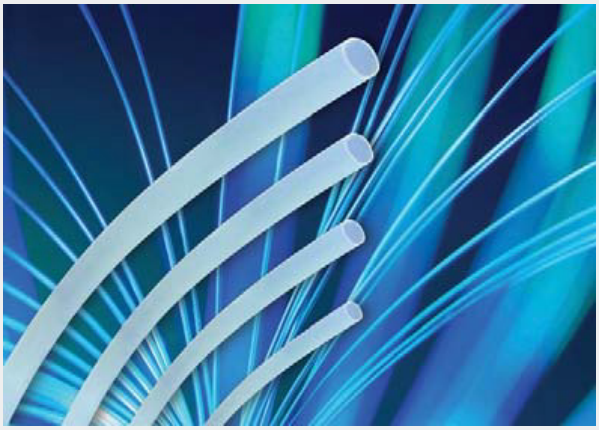
Teflon Heat Shrink

Industrial use

Features

Teflon is high temperature, highly flame retardant PTFE tubing with excellent chemical resistance, It Is designed to provide insulation and mechanical protection in severe chemical and thermal environments.

Used to cover hydraulic hose and couplings
to prevent contamination and corrosion.
The high mechanical strength and extremely low coefficient of friction make it ideal for reducing damage to bearing shafts and similar applications.



Specifications

Item	Test Method	Unit	Specifications
Specific gravity	ASTM D792	g/cm3	2.16
Operating temperature		℃	-55℃~260℃
Min. full recovery temperature		℃	327℃
Tensile strength	ASTM D638	M Pa	24.5
Elongation at break	ASTM D638	%	350
Bending Modulus	ASTM D790	M Pa	490
Impact Strength	ASTM D256+23℃~54℃j/m		No crack
Hardness (shore)	ASTM D2240	Shore D	55
Coefficient of Dynamic Friction			0.1
Flammability	UL-224		VW-1
Dielectric Constant 10^3-10^6Hz	ASTM D150		2.1
Dielectric Dissipation Factor 10^6Hz	ASTM D150		0.0002
Arc Resistance	ASMT D495	S	＞300
Linear Coefficient of Expansion	ASTM D257	Ω /cm	＞1018
Weather Resistance	“Weather-o-meter”(2000h)		No crack
Fluid resistance	ASTM D543		Excellent
Chemical resistance	ASTM D543		Excellent

Size	ID (As supplied)	Thickness (As supplied)	ID (After shrink)	Wall thickness (after shrink)
Φ0.5	0.6±0.15	0.10±0.05	0.36±0.05	0.13±0.05

Cabicon a/s / www.cabicon.com / +45 7623 4400 / sales@cabicon.com