

PTFE Cast Film

Flonfilm™ 100

PTFE cast film is a single layer, multi-laminar film manufactured using the cast method. By virtue of this unique process, FLONFILM™ 100 PTFE film has a number of high performance features not inherent in skived tapes or extruded films.

It is uniform in material structure, exhibits outstanding chemical, physical & electrical properties and is tightly controlled in its thickness (+/-10%). Based on its capability to act as a semi-permeable membrane, FLONFILM™ 100 film is used in oxygen sensors & similar devices in bio-medical and other instrumentation.



Polyflon offers cast PTFE film in semi-finished form on standard rolls or converted into finish punched components in custom shapes ready for immediate assembly in to your device.

Technical Data

General Properties	Method	Value
Tensile Strength (psi)	ASTM D882-54T	4,300
Elongation (%)	ASTM D882-54T	400
Elastic Modulus (psi)	ASTM D882	60,000
Continuous Service		-188°C, +250°C

Availability

Dimensions	Availability
Thickness (µm)	13,19,25,51,76
Standard Roll	457mm x 152m
Slit Rolls (MOQ may apply)	6mm min