

## FLONFILM™ 600 PFA FILM

FLONFILM™ 600 PFA film is manufactured from PerFluoroAlkoxy resin and offers the highest continuous use temperature (260°C/500°F) of any melt processible fluoropolymer.

PFA film exhibits many of the performance characteristics of PTFE in a clear, transparent form but can be heat sealed & thermoformed, metalized or laminated to a wide variety of materials. PFA film has a combination of excellent dielectric properties across a wide temperature and frequency range, the highest level of chemical & stress crack resistance together with excellent clarity and good weatherability.

### PFA Film Applications:

Polyflon offers one universal grade of FLONFILM™ 600 PFA film to service applications that require high flex life and stress crack resistance such as thin film diaphragms for all kinds of chemical pumps and thermoformed flat products designed for extremely harsh environments. The combination of chemical resistance and high temperature performance over a wide frequency range make PFA film an ideal component in circuit board fabrication and flat cable insulation applications. The high temperature performance and non-wetting surface of PFA film also make it an ideal material for use as a high temperature release film for composite manufacturers.



### Key Features of PFA Film:

- ⬢ Working temperature range from -254°C (-425°F) to 260°C (500°F)
- ⬢ High degree of transparency
- ⬢ Excellent weatherability
- ⬢ Excellent chemical resistance
- ⬢ Outstanding flex life and stress crack resistance
- ⬢ Can be easily thermoformed, welded or laminated
- ⬢ No voids or pinholes – low permeability
- ⬢ Outstanding insulator

## Availability of PFA Film:

Polyflon offers PFA film in semi-finished form on standard rolls or converted into finish cut/thermoformed/punched parts.

Thickness		Std roll length
mm	Inches	Meters
0.0127	0.0005	362
0.0254	0.001	181
0.0508	0.002	90
0.0762	0.003	60
0.127	0.005	36
0.1905	0.0075	24
0.254	0.010	18
0.3556	0.014	13
0.508	0.020	9

Standard roll width: 1220mm (48") @ 12kg.

Slit widths from 12.7mm (1/2") up to max width 1625mm (64").

Available pigmented/perforated for release applications.

Get in touch with Polyflon to discuss your requirements. Call us on [+44 \(0\)1785 859 054](tel:+4401785859054) or email us at [info@polyflon.co.uk](mailto:info@polyflon.co.uk)