

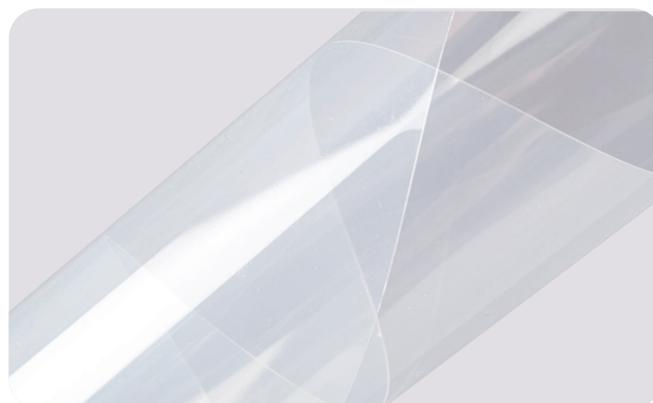
## ETFE Film

### Flonfilm™ 300

FLONFILM™ 300 ETFE film is manufactured from a copolymer of ethylene & tetrafluoroethylene. Outstanding performance and dimensional stability is achieved over a wide temperature range. Good chemical resistance, excellent weatherability and low flammability together with impressive stress-crack resistance make ETFE a widely used high performance film material.

### Applications

FLONFILM™ 300 ETFE film enjoys excellent mechanical properties including outstanding tear strength and together with its very high degree of light transmission, provides unrivalled performance in architectural roofing designs & greenhouses. Due its broad chemical resistance and good stress crack resistance, FLONFILM™ 300 is an effective choice for thin film convoluted diaphragms for use in chemical pumps. Owing to its very low surface energy ETFE film is an excellent choice for mould release, wall covering and anti-graffiti protection applications.



### Key features

-  Temperature range of -254°C to +165°C
-  Very high degree of light transmission (>95%)
-  Excellent mechanical properties
-  Broad chemical resistance
-  Low flammability
-  Very low surface energy – good release properties
-  Good stress-crack resistance
-  Easily welded, fabricated & laminated
-  Excellent dimensional stability during thermoforming.

## Availability of ETFE Film

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

Thickness		Std Roll Length
mm	inches	meters
0.0127	0.0005	350
0.0905	0.00075	234
0.0254	0.001	175
0.0508	0.002	88
0.127	0.005	35
0.1905	0.0075	23
0.254	0.010	18
0.508	0.020	9

Standard roll width: 1220mm (48") @ 9.5kg.  
 Slit widths from 12.7mm (1/2") up to max width 1575mm.  
 Available in all primary colours, clear/natural (standard).