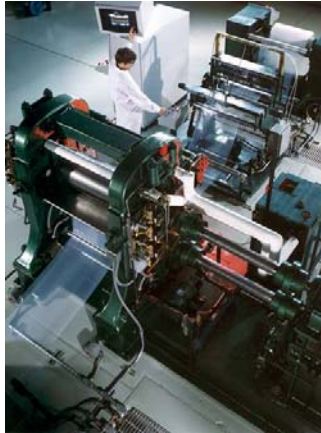




# Calendering of Fluoropolymer Films

## HIGH-PERFORMANCE, LIGHTWEIGHT NEXT-GENERATION FILMS

Using state-of-the-art equipment and technology, Acton designs & produces specialized calendered films tailored for specific applications. The process provides an alternative for engineers and designers seeking lightweight high-performance solutions to problems often associated with skived PTFE film.



### Advantages

- ◆ Higher dielectric strength – better arc resistance
- ◆ Lower elongation
- ◆ Lower porosity – reduced permeability
- ◆ Smoother surface – reduced skive lines
- ◆ High tensile strength
- ◆ Reduced cold flow – less creep
- ◆ Very low moisture absorption
- ◆ Light transmission and transparency

### Applications

- ◆ P / S tape backing
- ◆ Metallized microwave antennas
- ◆ High frequency “HF” microwave printed circuit substrates
- ◆ Flexible liner for transfer systems
- ◆ Seal & gasket designs where low creep is required
- ◆ Tank liner where film can be welded to create needed shapes
- ◆ Containers for chemicals used in the semiconductor industry where high purity is required
- ◆ Pharmaceutical packaging/lamination

For information on your application using Calendering of Fluoropolymer Films, please contact:



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