



Dupont Plunkett Award Winner



For Immediate Release

Textiles Coated International Introduces: Plasma Treated Melt Extruded Fluoropolymer Films

February 2018 - Manchester, NH USA

Manchester, NH – Textiles Coated International (TCI), a global leader in the development and manufacture of advanced fluoropolymer films, laminates and composites, is excited to announce a key addition to its high-performance films product offering – a proprietary plasma surface treatment technology that allows the creation of a bondable surface on the fluoropolymer film. The surface treatment produces a chemically modified film surface with a surface tension of greater than 50 dynes*cm. The treated surface is receptive to adhesive coating, lamination, and bonding to a variety of substrates.

The applications of TCI plasma treated fluoropolymer films include:

- Bonding of films to silicone rubber sheeting for production of septa liners and cap inserts
- Adhesive coating for production of PSA tapes and over-laminates
- Bonding to EVA adhesive films for encapsulation of Photo-Voltaic modules
- Reverse gravure printing

The treatment is available on all TCI melt extruded fluoropolymer films, including FEP, ETFE, PFA, ECTFE and PVDF, on one side or two-sides, up to 60" (1,524 mm) wide. Plasma-treated ETFE film is available up to 62" (1,575 mm) wide.

About Textiles Coated International

TCI, an ISO 9001: 20015 certified company designs, manufacturers and markets high-performance fluoropolymer films, laminates, and composites. materials engineered to perform in for the most demanding electrical, chemical and thermal environments. TCI's facilities concentrate on customized coating, lamination and fabrication technologies, while at the same time supporting extensive materials research and development.

Press Contact

Boris Friedman
bfriedman@textilecoated.com
(603) 296-2221

Textiles Coated International
200 Bouchard St.
Manchester, NH 03103 USA