

PTFE-Fabric Tapes



IPC'S pressure sensitive adhesive tapes are PTFE-fabrics and laminates products coated with **adhesive on one side**, providing **superior non-stick** surfaces and **easy** but removable **positioning** on a range of equipment. They provide **easy release**, non-stick surfaces that are designed to meet the tough requirements of many industries in terms frequent compression and **long life at high temperatures**. These general purpose tapes are also **excellent insulators** that can be used in high temperature environments while retaining their excellent **mechanical and electrical properties**.

Features:

Perfect for extreme temperature applications, silicone adhesives perform in continuous operating **temperatures from -73°C/-99F to +260°C/500F**. **Excellent chemical resistance, mechanical and electrical properties** and remove cleanly after use.

- **Acrylic adhesives** perform in continuous operating temperatures from -40°C/-40F to +188°C/370F
- Exceptionally **resistant to solvents**
- Excellent **adhesion to metal** and **superior weathering and ageing characteristics**
- **Excellent shelf life** with increased tack and adhesion properties
- Available in **different thicknesses and PTFE coating levels**
- **Different textures** and anti-static versions available
- Laminated, with **multi -layer film versions available** for ultimate performance

Applications:

- **Packaging** - Heat Sealer Tapes for covering various hot wire and platen sealing equipment
- **Components** - Electrical insulation on high temperature transformers, coils, motors as well as lay-up and insulation for components
- **Textile** - Covering of dryer cylinders
- **Food processing** - Lining chutes and guide rails
- **PVC Welding** - Covering metallic and RF welding platens
- **Polymer processing** - Lining on solvent recovery units and protective barrier on paper/film extrusion coating lines
- **Industrial Splicing & Seaming** - especially of other Fluor polymer materials

IPC

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PTFE-Coated Fabrics



IPC's Non-stick solutions are suitable for a wide range of applications that require **superior release, dimensional and thermal stability** and can withstand the **most demanding requirements** and rigorous operating conditions. The non-stick properties are retained over a full range of **temperatures up to 260°C / 500F**.

Features and Benefits:

- **Non-stick, easy release**
- **Excellent thermal stability** with maximum continuous use temperature of 260°C / 500F
- PTFE surfaces are **unaffected by most chemicals** and solvents and are **chemically inert**
- **Easy to clean**
- **Non-toxic and food compliant**
- Very **low surface friction** and easy slide properties
- **Mechanically and dimensionally stable**
- **Excellent heat transfer** which also allows low energy consumption
- **Different thicknesses** and PTFE levels available - starting from porous grade for air flow to extra high level of PTFE coating for ultra smooth finish and high dielectric strength
- **Antistatic version** for static dissipation and **tear resistant coating** for creases resistance
- Available on **Glass, Kevlar and Nomex** greige
- **Products** offered as **open mesh** for free air circulation

Applications:

- **Architectural** - Roofing membranes
- **Composites manufacturing** - Bleeder and release fabrics
- **Electronic/Electrical components** - Insulation layer & bearing surfaces
- **Environment** - Chemical barrier membranes
- **Energy** - Expansion joint fabrics
- **Food** - Cooking release sheets & process conveyor belts
- **Graphics, Printing and Textiles** - Release sheets & process conveyor belts
- **Polymer processing** - Release sheets & process conveyor belts
- **Packaging** - Release sheets & process conveyor belts
- **Photovoltaics** - Module Laminator release sheets & belts
- **PVC Welding** - Easy release platen covers

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