

## FluoroTac 5010

FluoroTac is a clear Perfluoropolyether pressure sensitive adhesive in a low boiling point fluorinated solvent. Films 3 to 4 mills thick dry in minutes under ambient conditions to a moderate tac. FluoroTac is resistant to UV light and non-fluorinated solvents. Films have excellent adhesion to most substrates, including PTFE. The FluoroTac use temperature range is -160°F to 140°F.

Table 1. Properties of FluoroTac

Characteristics	
Technology	Fluoro-polymer adhesive
Appearance	Transparent or Translucent
Clarity	Lightly turbid to Clear
Concentration	50%
Cure	Room temperature or heat-cure
Odor	Light ether-like odor
Flammability	Non-Flammable
Viscosity	~60,000 cps (depending on polymer concentration)
Solubility	Fluoro-solvents PFC60, PFC80
Shelf Life	>5 years stored in original unopened container
Environmental	Low in toxicity, non-ozone depleting
One Part System	Yes
Application Options	Die to die, pad printing, brushing, syringe-dispensing
Carrier Type	Fluoro-solvent
Adhesive Thickness	~20µm
Carrier Film Thickness	~40µm
Product Benefits	<ul style="list-style-type: none"><li>● Excellent wettability</li><li>● Easy die pick up</li><li>● Excellent package reliability</li><li>● One step lamination application</li></ul>

### Application Notes

**In Case of a Spill:** Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Clean up residue with an appropriate solvent. Place in a metal container approved for transportation by appropriate authorities. Seal the container. Dispose of collected material as soon as possible.

**Eye Contact:** Contact with eyes during product use is not expected to result in significant irritation. Flush eyes with large amounts of water. If signs/symptoms persist, get medical attention.

**Skin Contact:** Contact with skin during product use is not expected to result in significant irritation. Wash affected area with soap and water.

**Inhalation:** Thermal decomposition products may be harmful. Remove person to fresh air. If signs/symptoms persist, get medical attention.

**Ingestion:** No health effects are expected. If signs/symptoms develop, get medical attention.

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8000 Virginia Manor Rd, #130  
Beltsville, MD 20705, USA  
www.cytonix.com  
emailbox@cytonix.com  
301.470.6267