



# THERMAL TXL

## UNSUPPORTED THERMALLY REACTIVE POLYMER FILM ADHESIVES

Thermal TXL, based on our Curabond range and supplied by Milspeed® Ltd, is an unsupported thermally reactive polymer film adhesive with a controlled matt surface on one side. It is used as a dry bonding film adhesive that is activated by the application of heat. It will adhere to a wide range of substrates.

### SPECIFICATION

Parameters	Details	Cross Linking
Thickness	40 µm	
Polymer	Reactive	
Fusing Conditions (may vary according to substrate)	130 - 170 °C	165 - 190 °C
Activation Time	10-25	30-90 s
Pressure	2-5 Bar	
Washable		95 °C
Heat resistance		Excellent once cured

### STORAGE CONDITIONS

- Storage between 10-30 °C
- Relative humidity 40-70 %
- Do not expose to direct sunlight and avoid major thermal fluctuations
- Store in original packaging until ready to use
- Recommended use of material: within 1 year of production date

### TYPICAL APPLICATIONS

High performance composite manufacturing, technical automotive applications as well as many demanding apparel applications. Product bonds to a wide range of surfaces including foam, aluminium foil, polyaramid, fluorinated and siliconised substrates. Optimum bonding results are achieved when the post-cure operation is involved achieving cross-linking.