

TWEHA TAPE EXPLAINED

TWEHA Tape is coated on both sides with a Pressure Sensitive Adhesive (PSA). The bond is used by pressure on the interface. Low temperature can slow down this process. This type of tape is defined by three characteristics:

1. Permanent adhesive strength
2. Adhesion with light pressure
3. No transition phase from liquid to solid



Unlike liquid adhesive, the chemical composition of a tape is fully cured, so no further curing is required to establish a bond. The bond is utilized through mechanical bonding and electrostatic interaction at the interface.

These characteristics form the basis of the unique performance capabilities of pressure-sensitive adhesives that can provide freedom in product design and increase production efficiency.

Potential benefits include:

- Instant processing strength after applying pressure
- Easy to apply
- Consistent thickness of joint
- Different thickness options with and without carriers and functional foam base
- Precise application with ready-to-use (converted) form
- Pre-assembly capabilities within the entire value chain
- Joins dissimilar materials without damaging the surfaces
- Reduced galvanic corrosion thanks to barrier between metals