

Manufactured in the UK - Carrier Tape from Adaptsys

‘Re-flex On-Demand Tape’ - Embossed Carrier Tape from Adaptsys: for the purpose of providing a reliable and safe packaging media for volume production of mechanical parts, components and semi-conductor devices.

Adaptsys Carrier Tape is produced using premium quality material within strict production guidelines that ensures a strong and consistent form on every pocket formed. The Tri-layer material used for the Adaptsys Carrier Tape forming process comprises Polystyrene, Acrylonitrile butadiene styrene and Polystyrene (PS-ABS-PS), this becomes pliable under the application of heat providing the required state for forming – in turn as the material returns to the ambient temperature, the result is a rigid and protective pocket.

PS-ABS-PS offers improved dimensional stability and increased strength over conventional polystyrene making it a suitable material for many mechanical applications and with its static dissipative properties a safe environment can be provided for components/ devices where ESD sensitivity is a consideration.

Adaptsys’ tape manufacturing process has been carefully developed over time resulting in a proven system that provides a consistent pocket every time. A key aspect of this process is vision inspection, by providing the capacity to inspect and scrutinise each form pocket integrity can be maintained and complete traceability and reporting is realised.

As manufacturing takes place within the UK this means not only are the highest quality standards met (as defined in standard EIA-481) but also fast lead times, lower shipping costs and ultimately a more competitively priced product can be achieved.

Custom Carrier Tapes can be designed and produced within a very short time frame, providing the customer with a turnkey solution that fits within a pressured production environment – where deadlines are always critical.

By working closely with the customer the Adaptsys design team can develop the right Carrier Tape. With the use of component dimensions to ensure accurate pocket topography maximum protection is provided for part transportation and storage, and crucially a high quality media is produced which lends itself to automation – a requirement being increasingly demanded throughout industry, from Automotive, Aerospace and Defence thru Medical and Electronics.

