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SHRINK TITE TAPE Miscellaneous

- Tough, flexible heat shrinkable polyester tape with the unique ability to shrink and apply pressure when wrapped around an object and heated. This simple method of applying pressure is employed in many industries.
- The compression force characteristics make it an effective and useful tool for consolidating and compacting advanced composite parts. In addition, the tape can be used effectively for compressing, debulking, shaping, forming and banding various materials. The tape is generally removed after application, and it is not reusable.
- Shrinkage begins around 65°C, but the tape has been used in applications up to 180°C. If left unrestrained 220R will shrink 20% after 15 minutes at 150°C.
- The PTFE release coating applied to one side allows for easy removal from various substrates.

PHYSICAL PROPERTIES

Shrink Percentage (±2%)*

 20% (HI-SHRINK 220R)
 10% (HI-SHRINK 210R)

 Release Coating

 Thickness
 0.050mm (0.0018 in.)

 Starts to Shrink

 Usage Temperatures
 Melting Point

 20% (HI-SHRINK 220R)
 PTFE
 0.050mm (0.0018 in.)
 85°C (150°F)
 80-180°C (175°F - 350°F)
 Melting Point

*Percent shrink will vary with temperature and exposure time. Measured shrink % is determined at 150°C for 15 minutes under no load. It is not reccommended to expose tape to temperatures exceeding 200°C.

AVAILABILITY & PACKAGING

Core size

38mm, 76mm

- Standard slit widths available in 1/4" increments
- · Custom length rolls available at your request

STORAGE & HANDLING

- Unlimited shelf life when stored at room temperature.
- Handling of these products must conform to individual company guidelines and health and safety regulations.

All statements, technical information and recommendations contained in this publication are based on tests believed to be reliable, but their accuracy and/or completeness are not guaranteed. The user shall determine the suitability for this particular purpose and shall assume all risk and liability in connection herewith. All values stated are nominal. For further details about tolerances please contact *•

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