

# Shrink tite tape

## Release film

Ideally suited to filament winding applications

### Features

- 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.
- Shrinkage begins around 65°C (149°F), but the tape has been used in applications up to 180°C (356°F). If left unrestrained will shrink by 20% after 15 minutes at 150°C (302°F).
- 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 branding various materials.
- The tape is generally removed after application and is not reusable.
- The PTFE release coating applied to one side allows for easy removal from various substrates.

### Properties

|                                  |          |               |
|----------------------------------|----------|---------------|
| Shrink percentage ( $\pm 2\%$ )* | 20%      |               |
| Release coating                  | PTFE     |               |
| Thickness                        | 50m      | 0.002in       |
| Starts to shrink                 | 65°C     | 150°F         |
| Usage temperatures               | 80-180°C | 175°F - 350°F |
| Melting point                    | 251°C    | 484°F         |

\*Shrink percentage will vary with temperature and exposure time. Measured shrink % is determined at 150°C (302°F) for 15 minutes under no load. It is not recommended to expose tape to temperatures exceeding 200°C (392°F).

### Availability

|   |             |             |
|---|-------------|-------------|
| Standard slit widths available in increments of | 6mm         | 0.25in      |
| Custom length rolls available                   |             |             |
| Core size                                       | 38 and 76mm | 1.5 and 3in |

### Storage

Store in original packaging

### Health & safety

Handling of these products must conform to individual company guidelines and health and safety regulations.

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