

PRECISIONFAB™ ***PTFE/Teflon® Coated
Fiberglass Zone Tape***

PRECISIONFAB™ Zone Tape is a custom made product designed for use where conventional polytetrafluoroethylene (PTFE/Teflon®) coated fiberglass adhesive backed tapes will not withstand the extreme temperatures found on some heat sealing surfaces.

The center or zone can be made with either premium or standard PRECISIONFAB™ fabrics from 3 mils. to 10 mils. in thickness, and in a variety of widths. A silicone adhesive is used along each edge holding the zone tape to the sides of the heat-sealing bar where it is cooler. This leaves the center zone over the sealing area where the main concentration of heat is found. There is a better heat transfer, the PRECISIONFAB™ fabric to seal the package, while the PTFE/Teflon® coating prevents the packaging film from sticking to the heat sealing surface.

Features and Benefits

- Excellent release characteristics
- Low friction surface
- Center zone is operational from -100°F (-73°C) to + 550°F (288°C)
- FDA compliant (21 CFR 177.1550) for food processing, packaging and handling

Physical Properties

| Product Number | Backing Thickness (mil) | Adhesive (oz./inch of width) | Weight (lbs./sq.yd.) | Dielectric Strength (V/M) | Breaking Strength (lbs. per inch of width) |
|----------------|-------------------------|------------------------------|----------------------|---------------------------|--|
| PC -3 Zone | 3 | 35 | 0.27 | 750 | 62 |
| PC -5 Zone | 5 | 35 | 0.48 | 600 | 120 |
| PC -6 Zone | 6 | 35 | 0.54 | 800 | 120 |
| PC -10 Zone | 10 | 35 | 0.9 | 500 | 200 |

These product properties are suggestive and all products can be customized or converted to fit specific application requirements. Please contact us to discuss your unique application needs.