

PRECISIONFAB™ PTFE Coated Fiberglass Zone Tape

PRECISIONFAB™ Zone Tape is a custom made product designed for use where conventional polytetrafluoroethylene (PTFE) 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 virtually any of our PRECISIONFAB™ fabrics from 3 mils. to 10 mils. in thickness, and in nearly any width. Either a double sided acrylic adhesive or a high temperature masking or filament tape is applied along each edge. The adhesive along each edge holds the zone tape to the sides of the sealing bar where it is cooler. This leaves the center zone over the sealing area where the main concentration of heat is found. The heat passes through the PRECISIONFAB™ fabric to seal the package, while the PTFE coating prevents the packaging film from sticking to the 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)	Weight (lbs./sq.yd.)	Dielectric Strength (V/M)	Breaking Strength (lbs. per inch of width)
PC -3 Zone	3	0.27	750	62
PC -5 Zone	5	0.48	600	120
PC -6 Zone	6	0.54	800	120
PC -10 Zone	10	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.