

PRECISIONTAPE™
PTFE/Teflon® Coated Fiberglass
Tape - Standard
Silicone Adhesive Backing



PRECISIONTAPE™ is made from a very tightly woven fiberglass cloth that has been coated with polytetrafluoroethylene (PTFE/Teflon®) – based fluoropolymer resin and has a high temperature silicone adhesive applied to one side. The combination of PTFE/Teflon® and its well known properties, the excellent strength and dimensional stability of the fiberglass, and high temperature range of the adhesive system results in a product appropriate for use in a variety of high temperature and demanding applications. PRECISIONTAPE™ has a lower bonding strength than acrylic adhesive, but a higher temperature range.

Features and Benefits

- Excellent release characteristics
- Low friction surface
- Operational and dimensionally stable from –100°F (-73° C) to +500°F (+260°C)
- Chemical resistant
- Abrasion resistant
- FDA compliant (21 CFR 177.1550) for food processing, packaging and handling

Physical Properties

Product Number	Backing Thickness (mil)	Adhesive Thickness (mil)	Breaking Strength (lb. / inch of width)	Adhesion (oz. / inch of width)	Elongation (%)	Dielectric Strength (V/mil)
PC-3S	3	2	60	35	Less than 1	1100
PC-5S	5	2	110	35	Less than 1	1200
PC-6S	6	2	100	35	Less than 1	950
PC-10S	10	2	170	35	Less than 1	900
PC-14S	14	2	400	35	Less than 1	500

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.