

PRECISIONWEAR™
PTFE Coated Fiberglass
Fabric



PRECISIONWEAR™ fabrics are made from a very tightly woven fiberglass cloth that has been heavily coated with polytetrafluoroethylene (PTFE) – based fluoropolymer resin. This coating, combined with the excellent strength and dimensional stability of the fiberglass, results in a product appropriate for use in a variety of demanding applications. The fabric is manufactured using a non-metallic copper colored pigment, and reddish brown pigments. The final product has a very smooth, pinhole free surface with an enhanced abrasion resistant coating especially suited for food applications.

Features and Benefits

- Excellent release characteristics
- Low friction surface
- Crack free surface
- Operational and dimensionally stable from –100°F (-73° C) to +550°F (+288°C)
- Chemical resistant
- Highly resistant to cut-through and abrasion
- Virtually zero flow under heat and pressure
- FDA compliant (21 CFR 177.1550) for food processing, packaging and handling

Physical Properties

Product Number	Nominal Thickness (mil)	Minimum Weight (oz / yd ²)	Breaking Strength (lb./inch of width (warp direction))	Breaking Strength (lb./inch of width (fill direction))
PC-100468-4	4	6.1	70	50
PC-100468-5	5	7.6	120	120
PC-100468-6	6	8.8	120	120
PC-100468-10	10	15.4	240	190
PC-100468-12	12	18.0	240	190

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