

***PRECISIONWEAR™ PTFE/Teflon® Coated
Fiberglass Belts***

PRECISIONWEAR™ fabrics are made from a very tightly woven fiberglass cloth that has been heavily coated with polytetrafluoroethylene (PTFE/Teflon®) – 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
- 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 Belt | 4 | 6.1 | 70 | 50 |
| PC-100468-5 Belt | 5 | 7.6 | 120 | 120 |
| PC-100468-6 Belt | 6 | 8.8 | 120 | 120 |
| PC-100468-10 Belt | 10 | 15.4 | 240 | 190 |
| PC-100468-12 Belt | 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.