Product specification sheet

- Outer sleeve & reinforcement ring
- PU-TEX is a solid white, matt, Polyester Woven Fabric with Poly Urethane coating both sides that can serve as an outside reinforcement.
- Great chemical resistance for CIP and cleaning processes
- Great abrasion resistance
- Consistent thickness, step-free overlap welding, also to PU-UF1 & PU-UF3

Tags





Dust tight | Hygienic | REACH

Physical properties

Material	Polyester Woven Fabric with Poly Urethane coating both sides
Color	Solid White
Surface finish	Matt/Matt
Surface roughness	Ra < 0,8 µm
Wall thickness	1,20mm / 0.0472 inch
Areal density	1,25 kg/m²
Hardness	90,4 ° Shore A
Tensile strength	-
Tear resistance	Warp: 80 N/mm Weft: 70 N/mm
Surface resistance	-
Volume resistance	-
Pressure resistance *(Up to 90°C/195°F)*	0,3 Bar/4.4 PSI
Maximum elongation	Warp: 30% Weft: 20%
Continuous perating temperature	-40°C to 90°C -40°F to 194°C
Maximum surge temperature	120°C/248°F
Low temperature flexibility	Good
Air permeability	0
Blackout characteristics	99,91% 337 lux / 35947 lux
Type of material	Sheet on roll Roll width: 3.000mm Roll length: 6.000mm

Compliance

European Community	EC 1907/2006 (REACH)

Production methods

PU-TEX materials will be welded together, using one of the following welding methods.

- High Frequency welding (HF-welding)
- Heat contact welding (HC-welding)
- Hot air welding (HA-welding)

Due to the coating being of the same compound as our PU-UF films, PU-PTEX can also be welded directly into these films.

To create parts with the correct measurement, the material can be cut using either a stainless steel knife or water jet

Product examples

Below you will find images of products that are made with PU-TEX, showing just a few of the nearly endless possibilities the material offers. For questions or more information about the possibilities, please contact us!



Compliances

- Abrasion Resistance
- High compressive load resistance
- Clean in place (CIP)
- FDA 21 CFR 177.2600
- High tear strength
- Fans and air distribution
- Dust tight

Industries

- Dairy
- Herbs and spices
- Grains, wheat and cereal
- Paint, pigment and lacquer
- Pharmaceutical
- Coffee
- Recycling
- Infant formula
- Battery
- Chemicals
- Sugar