

Seat cover fabrics Polyester standard

Key advantages

Lantal seat cover fabrics made of 100% polyester Trevira CS (Comfort and Safety) have the following compelling advantages:

- **Washable**
- **A long lifetime due to good abrasion resistance**
- **Shape retention**
- **Inherently flame-retardant**
- **Compliance with all airworthiness requirements**

Properties

Composition

100% flame-resistant polyester.

Designs and colors

The Lantal product line covers a selection of predefined designs and colors. On request, customized designs and colors can be developed.

Weight

The conditioned weight varies from 365 to 420 g/m², 10.5 to 12.4 oz/sy, tolerance ±5%.

Width

Approx. 137 cm, 54 in

Abrasion resistance (Martindale)

Lantal specifications, as well as those of Airbus, Boeing, and many airlines require a minimum of 20,000 rubs. Lantal fabrics resist well over 20,000 rubs – up to 40,000 depending on the construction.

Absorption of perspiration

Good, provides enhanced seating comfort for passenger well-being.

Atlas random pilling test

Rating: 4–5 of maximum 5.

Specification

Flammability, smoke/toxicity

Lantal fabrics are permanent flame-resistant in accordance with FAR/CS 25.853, 12 sec. vertical, and meet the Airbus and Boeing specifications for smoke and toxicity if cleaned according to Lantal cleaning recommendations.

Due to the melting properties of polyester, lighter foam qualities must be protected by an additional fire blocker to fulfill all specifications. This is also recommended by Trevira CS.

Cleaning

Washable at max. 40°C (104°F) or dry cleaning as per Lantal cleaning recommendations.

Service lifetime

Approx. 2.5 to 3.5 years

The specific service lifetime depends largely on the airline's interior philosophy (colors, quality), routing (long-haul, short-haul), geographical routes, load factors and cleaning attitudes.