

## 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:

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

### Specification

#### Composition

100% polyester Trevira CS (Comfort and Safety).

#### Designs and colors

Pre-coordinated designs and colors of Lantal Essentials line. Classic blues and grays are available off the shelf. Further pre-defined, eclectic designs are available from Lantal's compact special collection of washable seat cover fabrics.

#### Weight and width

The conditioned weight varies from 365 g/m<sup>2</sup>, 11.8 oz/sy (flat woven) to 420 g/m<sup>2</sup>, 12.4 oz/sy (chenille), tolerance ±5%. The width is 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.

#### Flammability, smoke/toxicity

Lantal fabrics are permanent flame-resistant in accordance with FAR 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 and charter flights), geographical routes, load factors and cleaning attitudes.