

Seat cover fabrics Climatex® LifeguardFR™

Key advantages

Lantal Climatex® LifeguardFR™ seat cover fabrics have the following compelling advantages:

- **Climatized seating: Excellent moisture transport and absorption optimized for long hauls**
- **Renewable resources**
- **Fully biodegradable**
- **Subtle shiny surface**
- **Guaranteed pill-free**
- **Compliance with all airworthiness requirements**

Properties

Composition

The material composition depends on the construction of the fabric and is 60% wool, 40% viscose or approx. 50% wool, 50% viscose. Lantal's Climatex® LifeguardFR™ fabrics can also be used for curtains and can be permanently sew-pleated.

Designs and colors

Customized designs for signature interiors (limited colors due to the use of biologically safe dyes).

Weight

The conditioned weight varies from 350 to 405 g/m², 10.3 to 12 oz/sy, tolerance ±5%.

Width

Approx. 137 cm, 54 in

Finishing options

For improved seating comfort and enhanced looks, Lantal can also back the fabric with a graphite foam.

For details, please refer to the Product Information that describes the seat cover lamination options.

Abrasion resistance (Martindale)

Lantal specifications, as well as those of Airbus, Boeing, and many airlines require a minimum of 20,000 rubs. This fabric resists well over 20,000 rubs – up to 35,000 and more depending on the construction.

Absorption of perspiration

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

Pill-free (Atlas random pilling test)

Rating: 5 of maximum 5. Pill-free, as wool and viscose do not pill.

Specifications

Flammability, smoke/toxicity

Lantal fabrics are permanently 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.

Cleaning

Dry cleaning only as per Lantal cleaning recommendations.

Service lifetime

Approx. 2.5 to 3 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.

Ecological considerations

Environmentally safe and biodegradable, because all processes are controlled, and the fabric colors are based on renewable resources and biologically safe dyes.