

Seat cover fabrics for trains Velvet Wool/polyamide

Key features

Lantal woven velvet seat cover fabrics for trains have the following compelling advantages:

- **A very long service life due to high abrasion resistance (composed of wool and synthetic fibers)**
- **Very high seating comfort thanks to excellent moisture absorption**
- **The outstanding pile resilience and light fastness assure long-lasting good looks**
- **Complies with all relevant railway safety requirements**
- **Simple cleaning of all upholstery components**

Specifications

Composition

The standard quality is composed of 85% wool and 15% polyamide.

Typical applications

Seat covers, headrest covers, wall coverings.

Safety and standards

Lantal velvet is permanently flame-retardant and fulfills the fire standards and requirements of DIN 5510-2 and NF F 16-101.

Pursuant to EN 45545-2, R21, it fulfills HL 1-3 while the wall covering is rated HL 1-2 pursuant to EN 45545-2, R1. This result is based on preliminary tests. The original seat/wall covering assembly must be tested to verify fire behavior pursuant to EN 45545-2.

Moisture absorption

The components are complementary and increase seating comfort as well as passenger well-being thanks to high moisture absorption by the wool and rapid moisture dissipation by

the man-made fibers. Lantal velvet was specifically developed for railcar seats.

Designs and colors

The Lantal product line covers a selection of predefined colors and designs.

On request, customer-specific colors and designs can be developed.

Abrasion resistance

Lantal velvets fulfill all European wear standards. Even particularly stressed zones such as corners and edges will withstand heavy wear.

Pile resilience

The exposed upper side of velvet is referred to as the pile side. To a great extent, the visual impression of a seat depends on the quality of this wear-exposed surface. For this reason, Lantal uses an additional, highly elastic support fiber that causes the pile to recover better and faster than conventional velvets.

Light fastness

Light fastness is a very important characteristic with respect to the visual impression of a fabric. Especially in low-floor vehicles with large windows, the seats are exposed to more light, which increases the requirements imposed on the seat covers.

Lantal fabrics are highly lightfast thanks to an optimized dyeing process and the use of man-made fibers.

Efficient cleaning

Lantal offers customers advice with respect to the latest cleaning methods. The following quality advantages reduce cleaning costs:

Reduced soiling

The covered pile as well as the breathable coating on the opposite side constitute a barrier against dirt and dust. It prevents the accumulation of dirt particles between the seat cover and the upholstery that it protects. This allows shorter and more thorough fabric cleaning cycles.

Shorter drying times

It is recommendable to regularly remove dirt and dust from the textiles with a high-power industrial vacuum cleaner.

A wet extraction method can also be used if needed. Certain fibers in Lantal's standard blend hardly absorb any moisture and therefore dry very quickly, which significantly reduces the downtime of vehicles after wet extraction.

Service life

Lantal products have particularly long service lives and still look like new even after extended periods of use.

Ready-made products

On request, Lantal will supply cut and sewn seat covers. The covers are accurately finished by Lantal to precise measurements and shipped in a ready-to-fit condition.

Further ready-to-install elements available from Lantal include headrests and carpets.

Contact

Please contact us to discuss your requirements. We look forward to the opportunity of serving you.