

Carpets Handmade

Key advantages

Handtufted carpets are no doubt the most luxurious and sensuous enrichment of a VIP or executive aircraft.

Lantal's handtufted carpets have the following compelling advantages:

- **Exquisite artisanship**
- **Unlimited options for custom designs**
- **Special crafting techniques and exclusive materials for superior quality and timeless beauty**
- **Hardwearing, excellent service life**
- **Compliance with all airworthiness requirements**

Properties

Composition

Handtufted, loop pile, cut pile, 3-ply twisted yarn, 100% new virgin wool or 50% wool/50% silk, conductivity-treated.

Backing

Synthetic fiber backing, latex back coating.

Designs and colors and shapes

Customized designs, colors and shapes for signature interiors to match the owner's livery. Handtufting opens up an infinite realm of textures (loop and cut pile, tip-sheared), pile height, yarn thickness, patterns, and themes, colors. Accordingly, each carpet is a unique work of art.

Weight (tolerance $\pm 5\%$)

- **Cut pile, 100% wool**
4500 - 5500 g/m², 132 and 162 oz/sy
- **Cut pile, 50% wool, 50% silk**
4000 - 5000 g/m², 118 and 147 oz/sy
- **Loop pile, 100% wool**
4000 - 5000 g/m², 118 and 147 oz/sy
- **Tip-sheared, 100% wool**
4000 - 5000 g/m², 118 and 147 oz/sy

Width / length:

Maximum 9 m x 30 m / 354 x 1180

Electrostatic properties

Lantal's handtufted carpets have permanent static charging suppression and fulfill all electrostatic requirements.

Dimensional stability

Lantal's handtufted carpets feature very good dimensional stability. Within 0.5% shrinkage when wet cleaned by spray extraction according to Lantal cleaning recommendations.

Specification

Flammability, smoke/toxicity

Lantal carpets 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

Daily vacuum cleaning. By spray extraction at max. 40°C (104°F) as per Lantal cleaning recommendations.