

GEMINI

Composite textile for semi-rigid counters

Product	Hot Melt Coating	Thickness (*)	Tolerance
GEMINI 100	NN o NL	1,15 mm	± 0.07 mm
GEMINI 115	NN o NL	1,25 mm	± 0.07 mm
GEMINI 130	NN-NL-NP	1,40 mm	± 0.07 mm
GEMINI 140	NN o NL	1,55 mm	± 0.07 mm

(*) The value of thickness includes the extra two-side hot-melt adhesive coating.



Technical Features

GEMINI is a composite material for semi-rigid counters.

The manufactures go through a particular impregnating technique on pure cotton fabric. The final result consists in a cotton fabric coated with synthetics elastomeric latexes.

The standard GEMINI is supplied with two-side thermo adhesive coating based on Polyurethane hot melt powder.

GEMINI is characterized by a good elasticity and a good thermoformability.

It is suitable for semi-rigid counters and is used for men and women shoes. It resist time ageing and has excellent thermoforming properties. The GEMINI you can use in the construction of preformed counters.

It is particularly suitable for greasy and synthetic leathers.

The standard **GEMINI** is supplied with two-side thermo adhesive coating based on Polyurethane hot melt powder (NN or NL). It is particularly suitable for greasy leathers.

The colorless side of the fabric (ie the one with thermoadhesive L with reactivation at about 70°C) must be set facing the upper (where the heat reactivation received is lower), while the side of pink (ie the one with thermoadhesive N with reactivation at about 100°C) should be positioned facing the lining (where the heat reactivation received is greater as is the side in direct contact with the press).

The information contained herein is based on our technical knowledge and experience. Since it is the user's responsibility to determine the suitability of the product for his own use, he should thoroughly test any application.



On article **GEMINI 130** is available coating NP version:

- On one side there is the polyurethane coating powder (N) suitable to be in contact with the upper.
This coating gives high performance adhesion greasy leather.
- On the other side there is a coating EVA based continuous film (P) suitable for being in contact with the lining.



Mode of use

As counter cut the shape along the biggest-side direction (with reference to the sheet).

For coatings NN or NL:

The material has to be thermoformed at 90-120°C for 10-15 seconds at 3-4 bar. Temperature and pressing time are a function of the materials used. Time can be reduced if the counter thermoforming machine includes the heated cushion.

For coating NP:

The material has to be thermoformed at 120-140°C for 10-15 seconds at 3-4 bar. Temperature and pressing time are a function of the materials used. Time can be reduced if the counter thermoforming machine includes the heated cushion.

For closing the underlying flap a preheating is recommended.

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