



FLEXAN PLUS

Extruded materials for stiff and elastic toe puffs and counters

| Product | Thickness (*) | Tolerance |
|--------------------|---------------|-----------|
| FLEXAN 22 PLUS/00 | 0,43 mm | ± 0,05 mm |
| FLEXAN 32 PLUS/00 | 0,53 mm | ± 0,05 mm |
| FLEXAN 42 PLUS/00 | 0,63 mm | ± 0,05 mm |
| FLEXAN 52 PLUS/00 | 0,73 mm | ± 0,05 mm |
| FLEXAN 62 PLUS/00 | 0,83 mm | ± 0,05 mm |
| FLEXAN 72 PLUS/00 | 0,93 mm | ± 0,05 mm |
| FLEXAN 82 PLUS/00 | 1,03 mm | ± 0,05 mm |
| FLEXAN 102 PLUS/00 | 1,25 mm | ± 0,05 mm |

(*)The value of thickness doesn't include the extra hot-melt adhesive coating.
The increase of thickness for every side-coating is between 0,05 and 0,08 mm.



Technical features

FLEXAN PLUS are composite materials based on thermoplastic polymers manufactured through a special coextrusion process (multi-layer extrusion).

FLEXAN PLUS is indicated for the realization of toe-puffs and some counters characterized by high stiffness, high elasticity and resistance to deformation.

The particular polymeric nature of which is composed, besides giving excellent characteristics of stability over time, allows to produce footwear of high-quality finish with excellent properties of dimensional stability and that does not deteriorate over time under different weather conditions.

The standard **FLEXAN PLUS** include a one-side PU based hot melt coating (0N) and on request it is available with a one-side EVA based hot melt coating (0P).

The availability in different thicknesses make it suitable for different types of footwear.

The version higher thicknesses are suitable for the realization of counters.

For counters version is provided the coating of polyurethane thermoadhesive NN on both sides.



Mode of use

FLEXAN PLUS can be cut in any direction, although we usually recommend cut along the biggest side direction (with reference to the sheet).

After beveling the lower edge, the thermoadhesive version, has to be join through hot pressing at temperature between 90-120°C (polyurethane based thermoadhesive) and 100-150°C (EVA based thermoadhesive) pressure of 3- 4 bar and pressing time between 10-15 seconds (it's depend on the type of upper, thickness of the toe-puff and of the leather).

Before mounting the toe-puff is advisable to reactivate the upper at 95-100°C.

In the version of counters (NN coating) can be preheated with infrared lamp before inserting the counter between upper and lining. Then the material has to be thermoformed at 100°-130°C and 4 bar for 10-15 seconds (it's depend on counter thickness and leather).Time can be reduced if the counter-thermoforming-machine includes the heated cushion.

For closing the underlying flap a preheating of 70-80°C is recommended.

La qualité de nos produits est toujours constante, mais nous ne sommes pas responsables de leur utilisation et de leur réaction. Il existe sur le marché une grande variété de nouveaux produits constitués de matières très différentes et nous conseillons à l'utilisateur de tester nos produits au préalable pour s'assurer qu'ils conviennent à l'usage souhaité.