



## ELASTOFORM

### Composite textile materials suitable for elastic toe puffs

<b>Product</b>	<b>Hot melt coating</b>	<b>Thickness (*)</b>	<b>Tolerance</b>
ELASTOFORM 161	0N-0P	0,63 mm	± 0,07 mm
ELASTOFORM 163	0N-0P	0,83 mm	± 0,07 mm
ELASTOFORM 165	0N-0P	0,93 mm	± 0,07 mm
ELASTOFORM 167	0N-0P	0,98 mm	± 0,07 mm
ELASTOFORM 169	0N-0P	1,05 mm	± 0,07 mm
ELASTOFORM 172	0N-0P	0,70 mm	± 0,07 mm
ELASTOFORM 173	0N-0P	0,86 mm	± 0,07 mm
ELASTOFORM 175	0N-0P	1,07 mm	± 0,07 mm
ELASTOFORM 177	0N-0P	1,20 mm	± 0,07 mm

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



### Features

ELASTOFORM represent a family of composite fabrics suitable for the fabrication of toe puffs with excellent elasticity.

They are realized through exclusive impregnation techniques of particular fabrics in special latexes in aqueous dispersion.

The results are fabrics characterized by excellent thermoforming properties and excellent resistance to deformation.

According to final use, they can be made with two different types of fabrics:

- 1) Viscose fabric (ELASTOFORM series 16 ...)
- 2) Cotton fabric (ELASTOFORM series 17 ...)

Both series are available in the basic version without adhesive (00) and in the version hot-melt adhesive on one side (0P).

In the case of very greased leather, the fabric can be supplied on request with polyurethane adhesive coated (0N).

On request ELASTOFORM fabrics are also available with double-side hot melt adhesive coating EVA based (PP) or polyurethane based (NN).

The variety of thicknesses make the product suitable for a wide range of footwear (casual, high fashion for women and men) is required where a tip with excellent elasticity.

*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.*



### Mode of use

For optimum shaping of the toe-puff, it is best to cut the sheet of fabric diagonally.

The hot-melt adhesive version 0P is hot pressed onto the upper at a temperature between 130° and 160 °C, and a pressure of about 3-4 atmospheres, for 5 - 7 seconds, (depending on the type of hide and thickness of the toe-puff).

The hot-melt adhesive version 0N is hot pressed onto the upper at a temperature between 100° and 130 °C, and a pressure of about 3-4 atmospheres, for 5 - 7 seconds, (depending on the type of hide and thickness of the toe-puff).

Before assembly it is advisable to heat the upper to reactivate it.

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