



## RINFLEX

### Composite-extruded materials for reinforcements in the footwear industry and leatherwear

<b>Product</b>	<b>Effect</b>	<b>Thickness</b>	<b>Tolerance</b>
RINFLEX 12/00	Soft	0,30 mm	± 0,05 mm
RINFLEX 22/00	Soft	0,40 mm	± 0,05 mm
RINFLEX 32/00	Soft	0,50 mm	± 0,05 mm
RINFLEX 42/00	Soft	0,60 mm	± 0,05 mm
RINFLEX 52/00	Soft	0,70 mm	± 0,05 mm
RINFLEX 62/00	Soft	0,80 mm	± 0,05 mm
RINFLEX 72/00	Soft	0,95 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*

The RINFLEX series are composite materials based on thermoplastic polymers manufactured through a special extrusion process.

The articles RINFLEX include coupling with polyester non-woven on both sides. Bonding is obtained through direct contact of the fabrics with the molten mass coming out from the plane head of extruder.

The RINFLEX series finds application in the leather industry as internal reinforcements for handbags, small leatherwear or in the footwear industry.

The main features are: durability and stability for the effect of the weather (humidity, heat and cold), dimensional stability due to repeated mechanical action (bending), excellent thermoforming hot (between 70 and 110 ° C), valuable characteristics of soft.

All series RINFLEX you also prepare easy to skiving operations and smoothing the edges.

*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.*



The presence of a polyester backing on both sides facilitates the use of adhesives based on natural and synthetic latexes.

The standard versions offer the following coatings on request:

- Vinyl based hot-melt adhesive coating on one or both sides (OP and PP respectively)
- Polyurethane based hot-melt adhesive coating on one or both sides (ON o NN respectively)
- Self-adhesive coating on one side only (OS).



### *Mode of use*

The RINFLEX products can be cut in any direction.

The thermos-adhesive for leather reinforcements, should be joined with a hot press at a temperature 90°-120°C (polyurethane based thermos-adhesive) and at 100°-150°C ( white transparent EVA based thermos-adhesive) at a pressure of 3-4 bar for 10-15 seconds (it depends on leather).

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