

**FOOTWEAR**  
Because thermal and physical resistances are comparable to, or even exceed, those obtained with chrome leathers.

**SMALL LEATHER GOODS**  
Because it is an advanced though low-cost process.

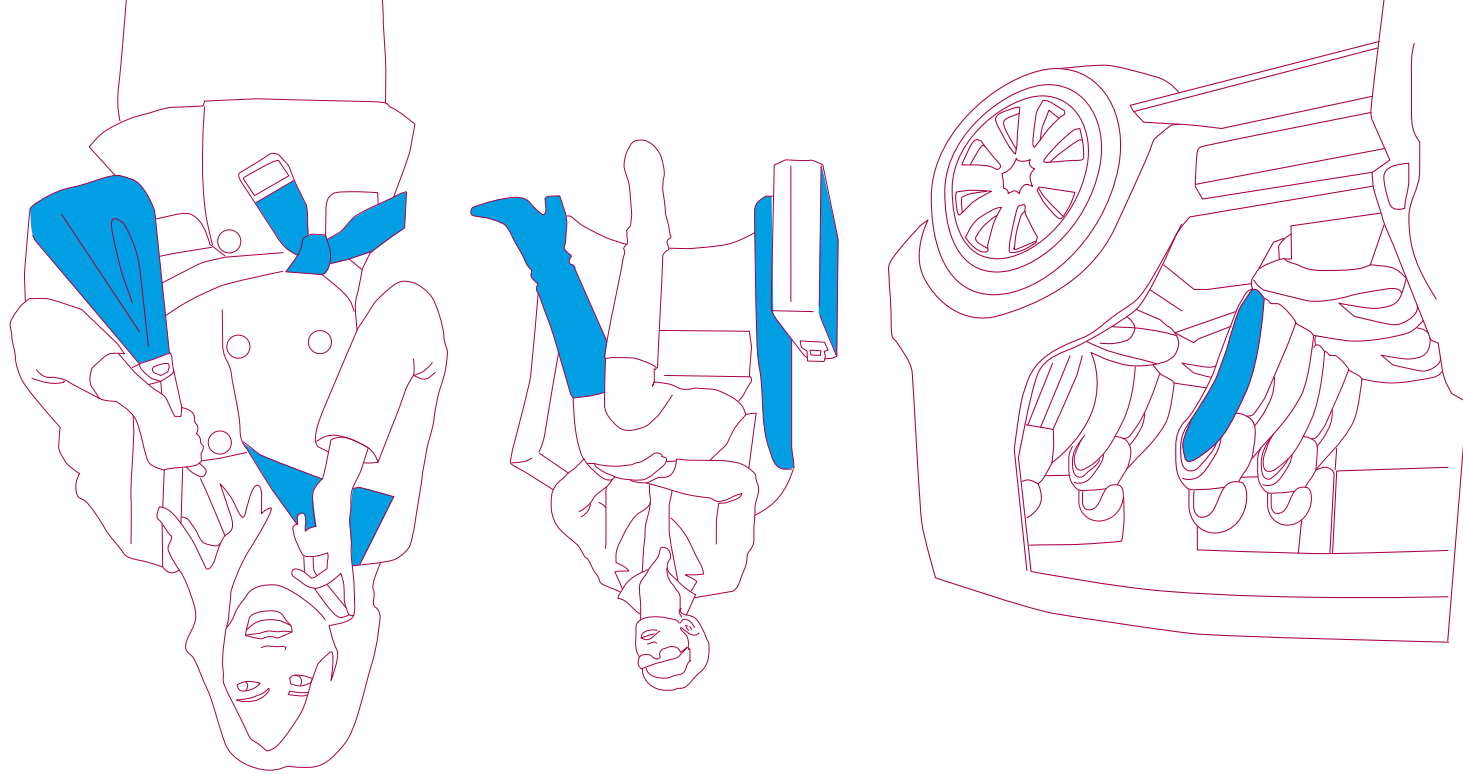
**CLOTHING**  
Because soft, lightweight leather can easily be obtained.

**LEATHER GOODS**  
Because with special adjustments during re-tanning reactive leather similar to vegetable leather can be obtained.

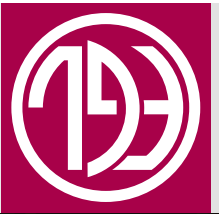
**FURNISHING**  
Because soft, even-grained leathers can be obtained that are resistant to light and/or to the fogging test in case of car furnishings.

**AUTOMOTIVE**  
Because an exceptional light weight leather with physical properties can be achieved.

[www.releaseys.com](http://www.releaseys.com) +39 0571 47.88.51



**RELEASESYS® APPLICATIONS**



International  
ITALIAN LEATHER TECHNOLOGY

**REVOLUTIONARY LEATHER SYSTEM**  
SAVE MONEY WITH ENERGY SAVING TANNING PROCESS.



International  
ITALIAN LEATHER TECHNOLOGY

- BETTER YIELD (7%)
- BETTER LEATHER RESISTANCE
- BRIGHTER COLOURS WITH LESS DYESTUFFS
- HIGHER STABILITY
- USEFUL WIDE APPLICATIONS
- LOWER WASTE DISPOSAL COSTS  
METAL FREE - NO SPECIAL WASTE

## PRODUCTION EFFICIENCY IN ECOLOGIC FORM.

After a three year long hard work and thanks also to customers' collaboration, Fgl International was able to develop a metal free tanning process named **RELEASYS** – English acronym of **REvolutionary LEAther SYStem** – born to satisfy the world tanneries' needs for an alternative tanning system characterised by very low environmental impact.



“The main goal of **RELEASYS®** is the increase of tanneries' production efficiency but in an absolutely ecologic manner. In addition to the utmost respect for the environment, the process allows to obtain a number of advantages on the treated leather: **more than 7% area gain compared with chrome tanning, better colour yield with less aniline used and very good resistances in the technical-physical tests.**

This process is slightly more expensive than the traditional one, but **the advantages in terms of cutting gain of leather and the reduction of aniline costs by approximately the half, keep the price per square foot unchanged compared with chrome tanning.**

This system provides a neutral leather base, characterised by a better tinctorial strength of the substratum, producing brighter, more even, fuller and deeper colours, for either light-coloured or dark coloured shades”.

The process can be applied to all types of leather and for all **types of use: garment, leathergoods, small leathergoods, upholstery, automotive and footwear.**

The finished product is in line with all the regulations in force and with the evermore pressing requests of the big brands who chose hazardous-substance-free and heavy-metal-free leathers.

“The process is meant to be a valid alternative to the traditional chrome tanning, carried out with a precise combination of products that are already on the market, and produces leathers that are as round as chrome-tanned ones. Our huge technical expertise and long experience enabled us to achieve excellent results on industrial scale in the various areas world-wide”.

The term “process” fits because **RELEASYS®** covers all transformation phases: it begins with pretanning and continues with tanning, retanning carried out with special fatliquors, resins that guarantee the desired effect.

**The new metal-free tanning process offers numberless advantages and covers all the phases of leather transformation** in fact there is no standard recipe; the process is studied on the basis of the article required, with little changes. Moreover the process is so versatile that it can be even applied in case of vegetable retanning.

**RELEASYS®** solves the problems of heavy metals even in waste water treatment. The patented process is completely metal-free and the obtained **leather is 100% recyclable**, thus solving problems bound to the disposal of finished products in special areas. Eco-compatibility is the same as vegetable- tanned leathers, but the difference is that leathers obtained with **RELEASYS®** can

be used for all the finished products.

In footwear, in particular, we obtain leathers featuring excellent physical characteristics and with all the mechanical resistances required in lasting phase. “**RELEASYS®**” was immediately accepted, in particular by the foreign tanners.

**The main satisfaction comes from the confirmation that its physical and technical characteristics are comparable to chrome tanning ones, and that there are no limits of support or use,** because the process is very versatile and flexible: we are already preparing new studies on special effects for some niche leathers.

For our company, product innovation is a way to prove that we trust in the tanning sector, and to maintain the high value of Made in Italy in the chemical sector.

The future of the tanning industry is oriented to a kind of production that takes a lot of care of the environment, in the process and in the following disposal: accepting this challenge, and competing with a keen foreign competition in terms of price, means that we propose ever new solutions to the customer, with an accurate search for innovations in products and applications”.

### QUALITY TRADEMARK

FGL International owns the **RELEASYS** brand, created to ensure the quality of skins produced by tanneries that have adopted this process and which comply with the required technical standards. The brand guarantees leather with a high added value necessary for all producers of leather goods, furniture, footwear and clothing who believe in a sustainable production and who wish to comply with quality and law standard.

### HOW TO OBTAIN IT

(Simply contact FGL International by calling **+39 0571 478851** or by writing to the following e-mail address: **info@fglinternational.com** Whatever part of the world you are contacting us from you will be immediately contacted and assisted by an agent of **FGL INTERNATIONAL**.