

For more information go to
www.vinyloop.com
www.vinyl2010.org

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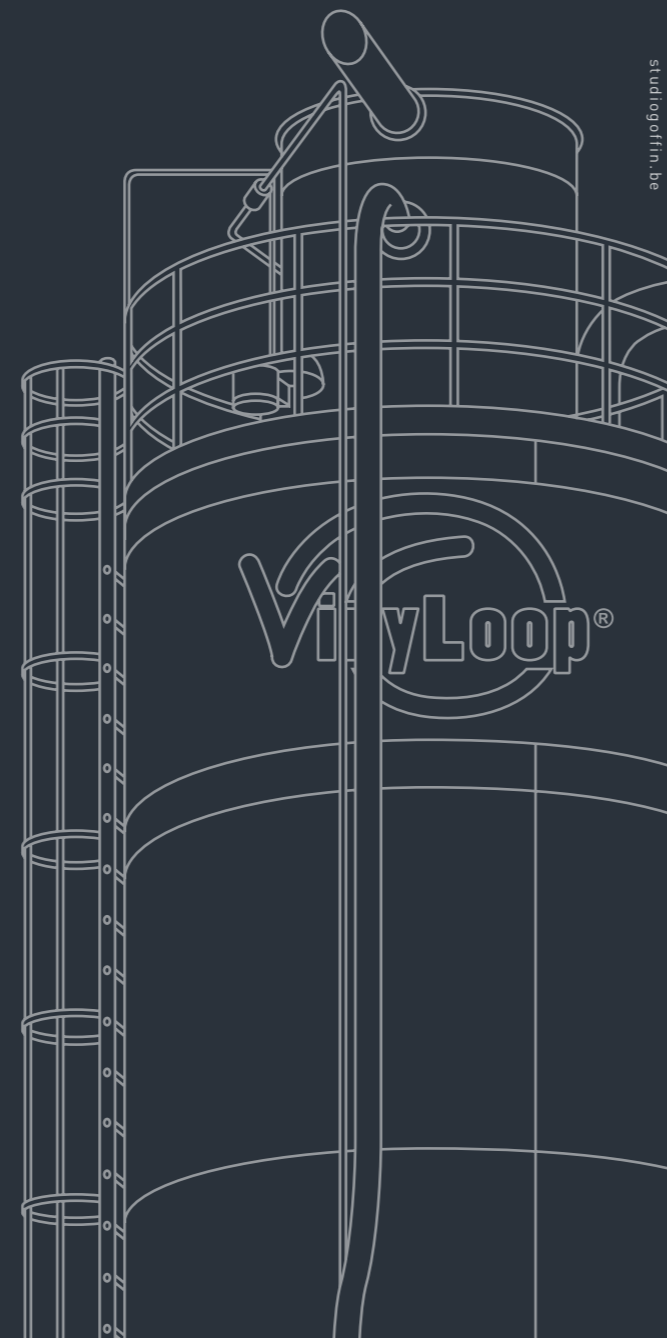
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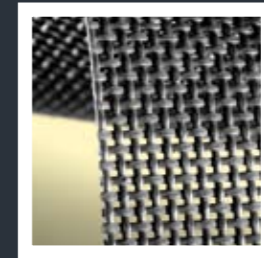
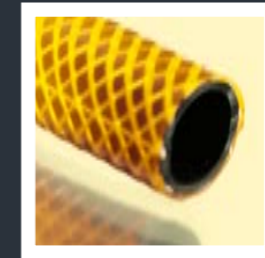
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VINYLOOP®



Innovation
in PVC recycling

→ A step further towards Sustainable Development



Sustainable development

Economic development, social well-being and respect for the environment are the three key areas of sustainable development. Economic development and innovation are dependent on each other and benefit society while minimising the impact on the environment.

In this domain, recycling in general and the recycling of plastic materials in particular, is one of the growing challenges facing industry and public organisations.

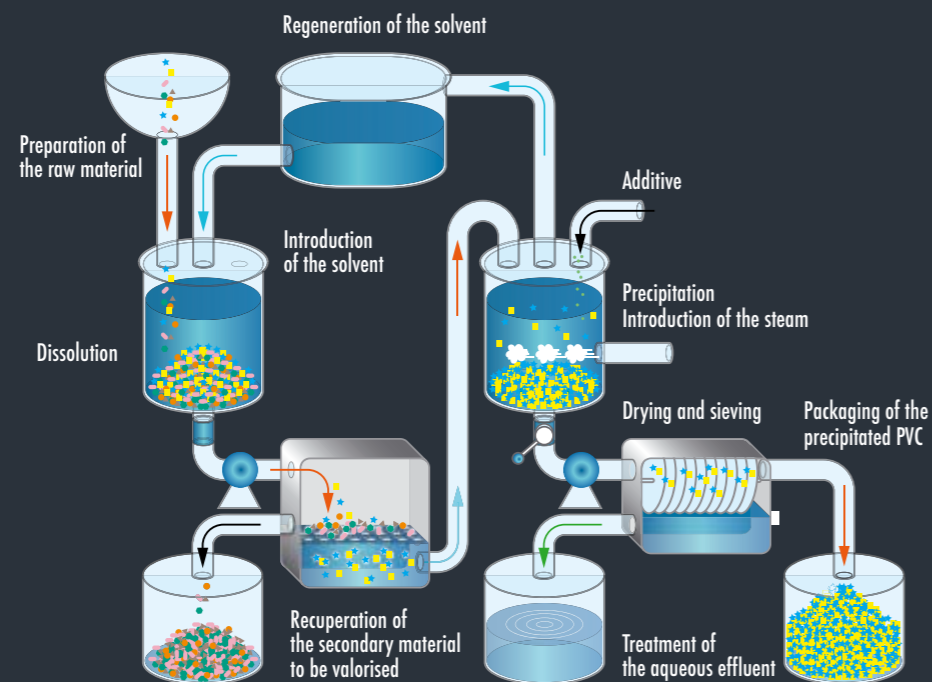
Recycling : our answer

→ The new Vinyloop procedure

The Vinyloop procedure has proved to be the only recycling method available for regenerating the PVC contained in composite structures. Up until now, it has been impossible to recover it using traditional methods. It allows the PVC compound to be separated from the other materials such as polyester fibres, natural textiles, metals, rubber, polyolefins and many others.

This recycling is based on the principle of selectively dissolving the PVC using a solvent that is constantly turning in a closed circuit.

The average PVC compound content in the waste must be at least 70%.



This initiative forms part of the Vinyl 2010 (the European association that represents the PVC industry) voluntary programme, which is committed to achieving a major increase in the rate of recycling by 2010.

Eco-efficiency

An environmental study carried out by a specialised European body revealed that in terms of emissions, the use of fossil fuels and the consumption of natural resources, it was more eco-efficient to obtain PVC using the Vinyloop process than through the synthesis of the raw product.

Recycling with Vinyloop® saves on non-renewable resources and causes less pollution.

With its innovative research structure, SolVin contributes to the world of recycling through its comprehensive industrial culture.

Vinyloop, an expanding business



Today, recycled materials include :

Waste from: cables, frames and roller shutters, agricultural film

Investment underway in Ferrara for the treatment of waste :

 tarpaulins (in partnership with the French company Ferrari® - Texyloop®Process)

In the future, the following could also be recycled :

wallpaper, floor covering, roofing membranes, blister packaging, etc.

Vinyloop® regenerated PVC compounds

1. There are several varieties of regenerated PVC compounds: FC, FW, for instance, depending on the origin of the waste: cables, windows, etc.
2. From a selection of raw, heterogeneous waste, the Vinyloop® procedure allows homogeneous regenerated PVC compounds to be produced.
3. Thanks to a whole range of controls throughout manufacturing, we are able to guarantee the quality and traceability of the regenerated PVC.
4. Here are a few examples of regenerated PVC

