



**SUSTAINABILITY**  
DISCOVER OUR GREEN SOLUTIONS



THINK GREEN!

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## ALWAYS ONE STEP AHEAD

As an international company, what contribution can we make to sustainability? This is a question that we have been addressing for some time and the reason we know that there is no simple answer. Rather, it is an evolution of constantly optimising production- and business processes, which actively contribute to protecting our environment.

While keeping an eye on the bigger picture: Every step in this direction, however small it may be in the beginning, contributes to preserving our planet for future generations.

## SUSTAINABILITY – MORE THAN JUST A TREND

At NESCHEN COATING, we take great care to eliminate materials and practices that are harmful to the environment from our business activities. For each business area, from graphics media to industrial coatings, NESCHEN has set strict standards for environmentally responsible production.



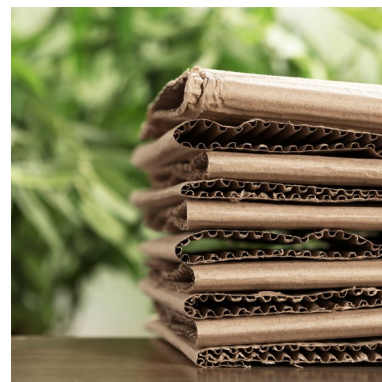
### Wastewater management

Our in-house wastewater treatment facility feeds the water used for production back into the municipal wastewater system after purification. This system unburdens the environment of several thousand cubic metres of wastewater per year.



### Energy recovery

In production, we employ a highly efficient energy recovery system, combined with a consistent energy-saving policy. This way, peak loads on the power grid are avoided and the energy consumption of the plant minimised.



### Packaging

NESCHEN's corrugated cardboard packaging is now fully recyclable and robust enough to be reused. We are convinced that we will find even more ways to protect the environment in the near future. In addition to focusing on environmentally friendly materials, this includes taking a closer look at manufacturing processes and supply chains.

## THINK GREEN - DISCOVER OUR GREEN SOLUTIONS

We are convinced that quality and eco-friendliness are compatible. This idea has taken us on a journey to find cleaner solutions that treat our planet more respectfully. Of course, this quest is not an easy one when it comes to self-adhesive films.

### Expansion of PVC-free range

After PE (polyethylene) and PP (polypropylene), PVC (polyvinyl chloride) is the third most used polymer for plastics. PVC is divided into hard and soft PVC. PVC has many advantages towards other materials and is easy to work with. Nevertheless, NESCHEN has developed alternatives on the basis of PP for virtually every application. This way, customers can choose a suitable product depending on each individual project.

PP is recognised as an eco-friendly alternative because it is a simply structured synthetic material.



### Using PP films as an alternative to PVC

- Non-toxic combustion
- Phthalate-free
- A byproduct of the petrol industry
- Does not contaminate groundwater
- Virtually no shrinkage
- Temperature resistant up to +100 °C (212 °F)

All portfolios now offer PVC-free product alternatives, such as NESCHEN's book protection, wall-grip and easy dot® films.



### REACH Conformity and no BPA

In Europe, the REACH Regulation for the protection of human health and the environment is compulsory regarding processing and marketing of chemicals and formulations. We select raw materials with particular care and only use chemicals that do not require special labelling. This ensures that all manufactured products are safe to use. Safety and environmental standards of our suppliers must meet or exceed the standard regulations.

All of our book protection films are Bisphenol A-(BPA) free.



### Responsible adhesive formulations

Our adhesive formulations are all APEO-free, a surfactant that is toxic to all organisms living in groundwater. Furthermore, NESCHEN uses water-based and thus solvent-free adhesives.



### Innovations

Innovation in the name of sustainability - this is the driving force of our company culture, and we believe that sustainable development is only possible with innovative solutions. By pushing boundaries in our industry, we can create great successes with our sustainable product range.



### Paper release liners

The majority of self-adhesive media require a release liner that remains on the product until it is actually used. Did you know that NESCHEN uses a release liner made of sustainable paper for more than 90 percent of products? This paper is sourced exclusively from suppliers who have FSC, PEF or SFI certifications.



Category	Product name	Material	Thickness (µ)	Weight (g/m²)	Certifications	Printability						Application								
						(Eco)Solvent	Latex	UV	Waterbased	Indigo	Backlit	Dispaly	Floor	Furniture	Label	Picture framing	Wall covering	Window		
MOUNTING FILMS	gudy® 802	PET	23																	
	gudy® 802 twin	PET	23																	
	gudy® 8020	PET	12																	
	gudy® 8020 twin	PET	12																	
	gudy® 803 power-tack	PET	23																	
	gudy® 808 PP opaque	PP	75																	
	gudy® 831 Fine Art smooth	PAPER	44			ISO 18916														
	gudy® 832 Fine Art textured	PAPER	44			ISO 18916														
	gudy® 870	PMMA	75			ISO 18916														
	gudy® dot	PMMA	81			ISO 18916														
	gudy® PP clear	PP	25																	
gudy® ultra clear	PET	12																		
gudy® window	PET	23																		

PROTECTION FILMS	filmolux® 2004 (whiteboard)	PP	25																	
	filmolux® hot scratch 155	PET	88																	
	filmolux® PP gloss	PP	80			ISO 22196														
	filmolux® PP matt	PP	80			ISO 22196														
	filmolux® PP sand	PP	140			M1 - R9														
	filmolux® PP satin	PP	80																	
	filmolux® S 23	PET	23																	
	filmolux® scratch	PET	130			M1 - R10														
	filmolux® UV ultra gloss	PET	50																	
	filmolux® hot nolite 220	PET	180																	
filmolux® hot nolite 320	PET	280																		



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