



DISCOVER THE FUTURE OF PRINTING IN FLEXIBLE PACKAGING

Revolutionize Your Packaging with Siegwerk's Nitrocellulose-Free Toolbox

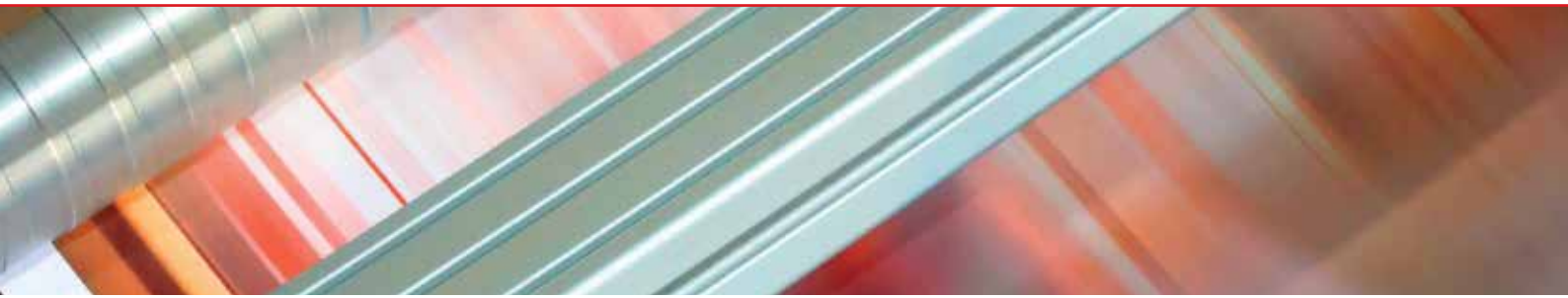
In the ever-evolving world of packaging, sustainability and recyclability are more than just trends – they are necessities. The **Packaging and Packaging Waste Regulations** are setting ambitious goals: 70% recyclability for all packaging by 2030 and the inclusion of 10%-35% post-consumer recycled content in all plastic packaging.

THE CHALLENGE OF NITROCELLULOSE-BASED INKS

Traditional nitrocellulose-based inks fall short in the recycling process due to their limited temperature resistance, which hampers mechanical recycling and diminishes the quality of recycle. This is where Siegwerk steps in as your partner for innovative NC-free solutions.

INTRODUCING SIEGWERK'S NC-FREE TOOLBOX FOR LAMINATION AND SURFACE APPLICATIONS

As one of the world's leading ink and coating experts, Siegwerk offers a groundbreaking development with its new NC-free toolbox. It includes solutions for colors, white, and overprint varnishes suitable for both lamination and surface applications in gravure and flexo printing.



SETTING NEW STANDARDS IN THE PRINTING INDUSTRY

The cornerstone of our NC-free toolbox is Siegwerk's proprietary PU resin technology, which replaces nitrocellulose. This innovative binder development ensures high performance for our NC-free solutions while facilitating safe and efficient recycling. **Our solutions meet the demand for circular packaging designs, guaranteeing excellent recycle outcomes and compliance with the latest Design for Recycling guidelines.**



RECYCLABILITY

NC-free inks are fully compliant with current recycling guidelines and future proof for recyclability.



HIGHEST PACKAGING PERFORMANCE

NC-free ink systems enable recyclable polyolefin packaging on par with today's market standards.



BEST MECHANICAL RESISTANCE

NC-free surface inks with high mechanical resistance without the need for OPVs



HIGH HEAT SEAL RESISTANCE

NC-free surface inks with robust heat seal resistance on PE and PP structures without the use of OPVs



EXCELLENT PRINT PERFORMANCE

NC-free ink systems for lamination and surface printing with the highest print quality, print process stability, and print speed.

WHY CHOOSE SIEGWERK?



Innovation:

Our cutting-edge PU resin technology leads the industry.



Sustainability:

Committed to enhancing recyclability and supporting circular economy principles.



Expertise:

Leveraging decades of experience as a global leader in ink and coating solutions.

JOIN US ON THIS JOURNEY TOWARDS A MORE SUSTAINABLE FUTURE IN PRINTING.
DISCOVER HOW SIEGWERK'S NC-FREE TOOLBOX CAN TRANSFORM YOUR PACKAGING TODAY.

Visit us at www.siegwerk.com to learn more about our innovative solutions.