coim

NOVACOTE

Laminating Adhesives & Heat Seal Coatings

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Adhesives and coatings for packaging

ABOUT NOVACOTE®

The NOVACOTE® line consists of adhesives and coatings used by the packaging industry for food, medical, and industrial applications.

The wide range of products available provides the basis for structures for a vast assortment of uses, with clearly defined chemical and thermal resistance properties.

Thanks to a dedication to quality, customer service, and compliance with evolving regulations, NOVACOTE® products are widely used by leading converters throughout the world.

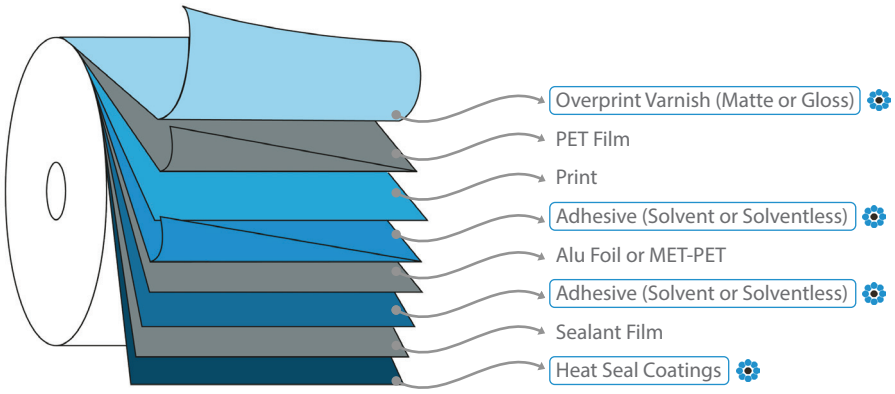
Adhesives and coatings for packaging

SUSTAINABILITY AND COMPLIANCE

Global Compliance: As the food industry continues to grow, the complexity of meeting FDA regulations often poses a challenge for flexible package engineering. Continuous innovation is essential to meet the demands of the extensive range of applications, variable conditions of use, and fluctuations in multilayer structures. COIM offers a wide range of adhesives and coatings that meet FDA and EU regulations.

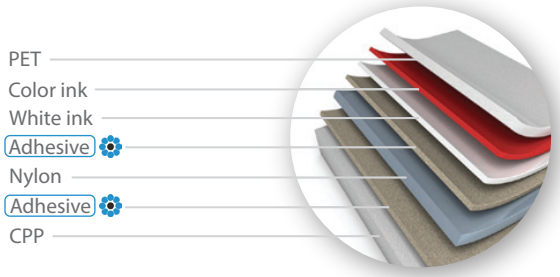
Compostable Products: Used with certified compostable films, NOVACOTE® offers a solvent-based compostable adhesive which enables 100% compostable packaging. Extensive testing and development have confirmed the excellent performance and compatibility of this product, which meets the requirements of an ever-growing market.

NOVACOTE PRODUCT CATEGORIES



NOVACOTE ADHESIVE CATEGORIES

HIGH PERFORMANCE

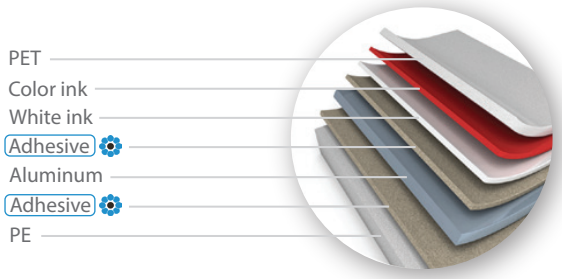


Packaging for:

Retort
Sterilization
Temperatures above 250°F

Regulated by 21 CFR: 177.1390

MEDIUM PERFORMANCE

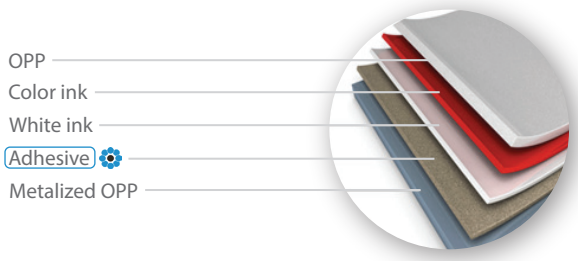


Packaging for:

Hot fill
Condiments
Coffee
Stand-up-pouches
Temperatures below 250°F

Regulated by 21 CFR: 177.1395

GENERAL PERFORMANCE



Packaging for:

Dry goods
Confectionery
Snacks
Temperatures below 120°F

Regulated by 21 CFR: 175.105

SOLVENT-BASED ADHESIVES

Solvent-based adhesives account for a large portion of the flexible packaging market due to their extensive application and substrate range along with their broad FDA/EU compliance. NOVACOTE® globally compliant solvent-based adhesives can be used in a variety of food packaging applications, from general purpose snack and confectionary packaging to high demand applications such as boil-in-bag and retort, where heat, chemical, and product resistance is needed.

- **Suitable for applications ranging from general to high performance**
- **Superior bond strength and metal adhesion**
- **Fast cure**
- **Excellent heat and product resistance**
- **Globally compliant**
- **BPA/Epoxy silane free**
- **Capable to run on rotogravure and semi-flexo/flexo technologies**

NC 250/70A + CA 350

NOVACOTE's most versatile and overall best performing solvent-based system.

Two component aromatic polyurethane adhesive commonly used for medium to high performance applications demanding excellent adhesion and product resistance.

NC 275A + CA 12

Two component aromatic polyurethane adhesive commonly used for medium performance applications and applications using high slip films.

NC 560A + CA 101

Two component aliphatic polyurethane adhesive commonly used for retort, ovenable, and outdoor (non-yellowing) applications.

NE 810S + CE 510

Two component aliphatic polyurethane adhesive suitable for laminating compostable flexible packaging materials.

SOLVENT FREE ADHESIVES

Solvent-free laminating adhesives are 100% solids technology that provide packaging converters with a lower overall cost in use. This is achieved by eliminating the requirement of ovens to remove carriers used in water-based or solvent-based adhesives, lowering the adhesive consumption, and reducing adhesive waste. Solvent-free adhesives have no VOC's and are safer for operator handling. NOVACOTE® globally compliant solvent-free adhesives cover a broad range of applications including snack food, hot fill, boil-in-bag, microwavable, and frozen food packaging.

- **Suitable for applications ranging from general to high performance**
- **Superior bond strength and metal adhesion**
- **Excellent heat and product resistance**
- **Long and stable pot life**
- **Globally compliant**
- **Quick to market with fast**
  - **Line speeds**
  - **Clean up**
  - **Slitting/pouching**
  - **PAA decay/cure**

SF 716A + CA 336

NOVACOTE's most versatile and overall best performing solventless system.

Two component aromatic polyurethane adhesive commonly used for medium to high performance applications demanding excellent adhesion and product resistance.

SF 787A + CA 336

Two component aliphatic/aromatic hybrid polyurethane adhesive commonly used for applications demanding superior appearance on high barrier and metalized films, digital ink use, and elimination of ink rewet.

SF 5400 + CA 5503

Two component aromatic polyurethane adhesive used for general purpose applications.

SF 693

Single component aromatic polyurethane adhesive used for paper/paper or paper to film applications.

HEAT SEAL COATINGS AND OVERPRINT VARNISHES

NOVACOTE® has a vast portfolio of solvent-based heat seal coatings that cover a range of applications anywhere from food to pharmaceutical packaging. Within this portfolio, NOVACOTE® offers both PVC and styrene free options to meet specific customer demands. In addition to our heat seal coating portfolio, we also offer matte and gloss overprint varnishes for rotogravure applications.

			Applications							Features		
Product	Coated Substrate	Seal To Substrate	Dairy Lidding	Pharma Blister Pack	Coffee	Ovenable	Condiment Sauces	Fresh Food	Ready Meals	PVC Free	Styrene Free	Anti-Fog
HS 8256	FOIL/PET, FOIL	PS, PVC, APET, PP, PE, PS	●	●								
HS 108/1	PAPER/PET, FOIL/PET	PAPER/PET, FOIL/PET	●									
HS 8416	FOIL, PET (MONOWEB OR LAMINATE)	PS, PVC, APET, PP, PE, PS	●	●			●			●		
HS 8436	PET (MONOWEB OR LAMINATE)	PS, PVC, APET, PLA	●							●	●	
HS 8429	APET, PLAIN PET, OPP, ACRYLIC OPP, PLA, PE, PS, PAPER, PVC, MET FILM, FOIL	SELF SEAL, PP			●					●		
EX 8000	PET	CPET WITH APET FLANGE				●		●	●			
EX 8001	PET	CPET WITH APET FLANGE				●		●	●			●
EX 8375	FOIL, PET BASED LIDS	PS, PVC, APET, AND CPET	●							●		
HS 8344	PET	APET, CPET, PP, PS						●	●			
HS 8345	PET	APET, CPET, PP, PS						●	●			●

TECHNICAL SERVICE

Technical service and application testing are core competencies at COIM USA. This expertise sets NOVACOTE® apart from other suppliers that we consider an invaluable resource provided to our customers. Our experienced technical team can assist in product recommendations, guide lamination trials, troubleshoot adhesive concerns, as well as provide on-site training of lamination process. We have state-of-the-art lamination equipment for screening and trials of new and existing adhesive and coating technologies. In addition to our lamination capabilities, we have a comprehensive lab equipped with analytical tools to help characterize samples of various types.

On-site laminator

Technology	Solvent-based Solvent free
Heat Seal Coatings	Plastic film
OPV's	Foil
Substrates	Paper

Capabilities

- **Troubleshoot, test, and analyze samples and laminations**
- **Laminate trial structures**
- **Internal product characterization and testing**
- **Qualify materials**
- **Customer consultations, visits, and trials**
- **Product recommendations**

NOTES

Coim USA - West Deptford, NJ

Guaranteed quality, all over the world.

Coim Group operates throughout the world through a network of production sites, commercial companies, and agencies. This global structure offers a guarantee of quality, service, flexibility, and efficiency. All production sites are ISO 9001 certified.

coim

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May 2024