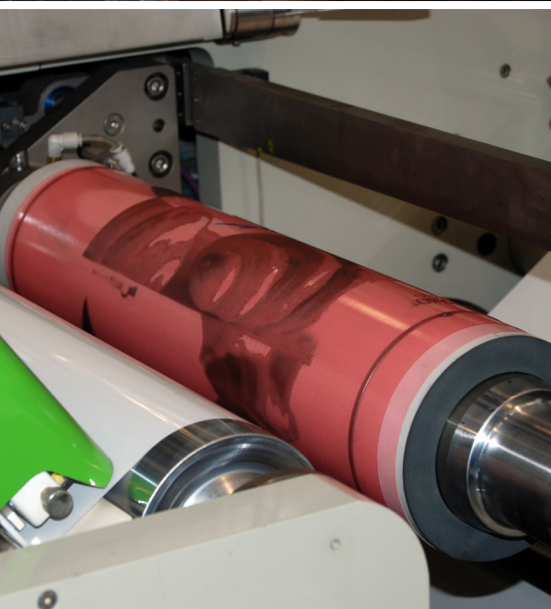





Pressure Sensitive Adhesives for Graphics and Specialty Films





From increasing governmental regulations to growing consumer awareness, graphic and specialty film converters look to improve sustainability without sacrificing performance needs or production efficiencies. Fortunately, the right pressure sensitive adhesives (PSAs) make it easy to address these initiatives.

With key sustainability goals in mind, Bostik, an Arkema company, has the most complete and integrated PSA technology offering on the market, helping you reduce environmental impact while keeping quality and output high.

Assessing How PSAs Meet Performance Needs

When based on our waterborne, specialty solution and UV acrylic technologies, PSAs can easily address the following performance needs:

LONGEVITY

How long your graphic and specialty film needs to last in its end-use application will determine what PSA technology should be used for adequate protection throughout the products' lifetime.

AESTHETICS

Depending on your application's end use, it may be important for it to maintain a certain appearance level for a given period of time.

USAGE

Graphic and specialty films can be either permanent or removable and require different PSA technology as a result.

GRAPHICS



FOR CAR WRAP, CAST FILMS

Recommended technologies:
Specialty solution acrylic and UV acrylic

Why?

- Yellowing and aging protection
- Cold flow and plasticizer migration prevention
- High and low temperature resistance
- Excellent chemical resistance



FOR POSTERS, DURABLE LABEL AND DECALS, CALENDARED VINYL

Recommended technologies:
Specialty solution acrylic, UV acrylic and waterborne acrylic

Why?

- Yellowing protection
- Ghosting prevention
- Print coating durability resistance



FOR OUTDOOR AND CONCRETE GRAPHICS

Recommended technologies:
Specialty solution acrylic, UV acrylic and waterborne acrylic

Why?

- High cohesion
- Excellent chemical resistance
- Clean removability

SPECIALTY FILMS



FOR PAINT PROTECTION FILMS

Recommended technologies:
Specialty solution acrylic and UV acrylic

Why?

- Yellowing and aging protection
- Optically clear bonding
- Cold flow prevention resistance
- High durability levels (10+ years)



FOR WINDOW FILMS

Recommended technologies:
Specialty solution acrylic and UV acrylic

Why?

- Yellowing and aging protection
- Optically clear bonding
- Clean removability after time



Check out this product selector chart to determine which one of Bostik's pressure sensitive adhesives may work best with your application.

		Product Name	% NV	Viscosity	Calendered Vinyl	Cast Vinyl	Signage & Labels	Decals	Wall Graphics	Car Wrap	Solar Films	PPF	Masking	Floor Graphics	Overlamine	
Solvent	Removeable	Aroset 1450	35-41	1,500-4,300	•		•	•	•			•	•			
		Aroset 301	38-43	4,000-8,000	•		•	•	•			•	•	•		
		Aroset 1460 Z 36	34-38	1,100-1,500	•		•	•	•					•		
	Permanent	Aroset PS 6393	37-39	4,000-6,000	•	•				•	•	•				•
		Aroset PS 6464	55-57	2,500-5,000	•		•	•								•
		Aroset 1551B	43-47	2,500-7,500	•		•	•						•		
		Aroset 2100	33-36	4,000-8,000	•	•	•	•				•				
Aroset 6500	54-58	3,500-7,500	•		•	•	•			•				•		
Emulsion	Removeable	Aroset 2565	46-50	800-1,300	•		•	•	•							
		Aroset 2570	47-52	1,500-1,900	•		•		•				•			
		Aroset 2529	53-55	1,200-1,600	•		•	•	•				•			
	Permanent	Aroset 3250	55-59	1,200-1,600	•		•	•							•	•
		Aroset 3312	55-59	900-1,100	•		•	•	•						•	•
		Aroset 3538	55-59	1200-1,600	•		•	•							•	
		Arocure™ 9310	n/a	n/a	•		•	•		•		•			•	•



Knowing How PSAs Improve Processes

Once you know the PSA technologies that are most compatible with your application's performance needs, you should then consider how your current processes influence the PSA technology you choose.



COATING EQUIPMENT

Our range of PSA technologies allows you to choose an option that is compatible with equipment you already own, saving you costs and downtime.

- If your coating equipment cannot handle solvents, you can use waterborne acrylics or UV acrylics. Waterborne acrylics do not include solvents, and UV acrylics are based on 100% solids.
- If you have equipment to handle solvent technologies and non-solvent technologies on separate lines, then you can use specialty solution acrylics, waterborne acrylics or UV acrylics.



PRODUCTION LINE SPEEDS

Our PSAs can help you improve your speed-to-market in the following ways:

- **Specialty solution acrylic and waterborne acrylic:** Formulated with a high solids content, these technologies reduce the amount of solvent and water that need to evaporate compared to other comparative options on the market.
- **UV acrylic:** As a 100% solids option, this technology allows you to coat at fast line speeds to keep production output high.

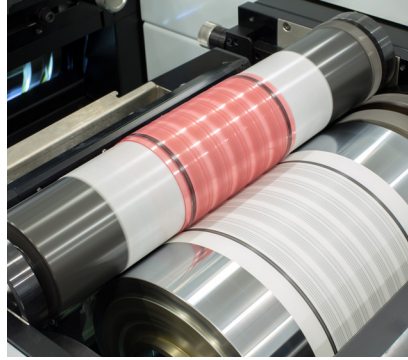
Additionally, our PSA technologies can be modified to fit your specific application requirements.

Understanding How PSAs Improve Sustainability



SPECIALTY SOLUTION ACRYLIC

- Utilizes increased solids
- Extends product life through durable bond strength



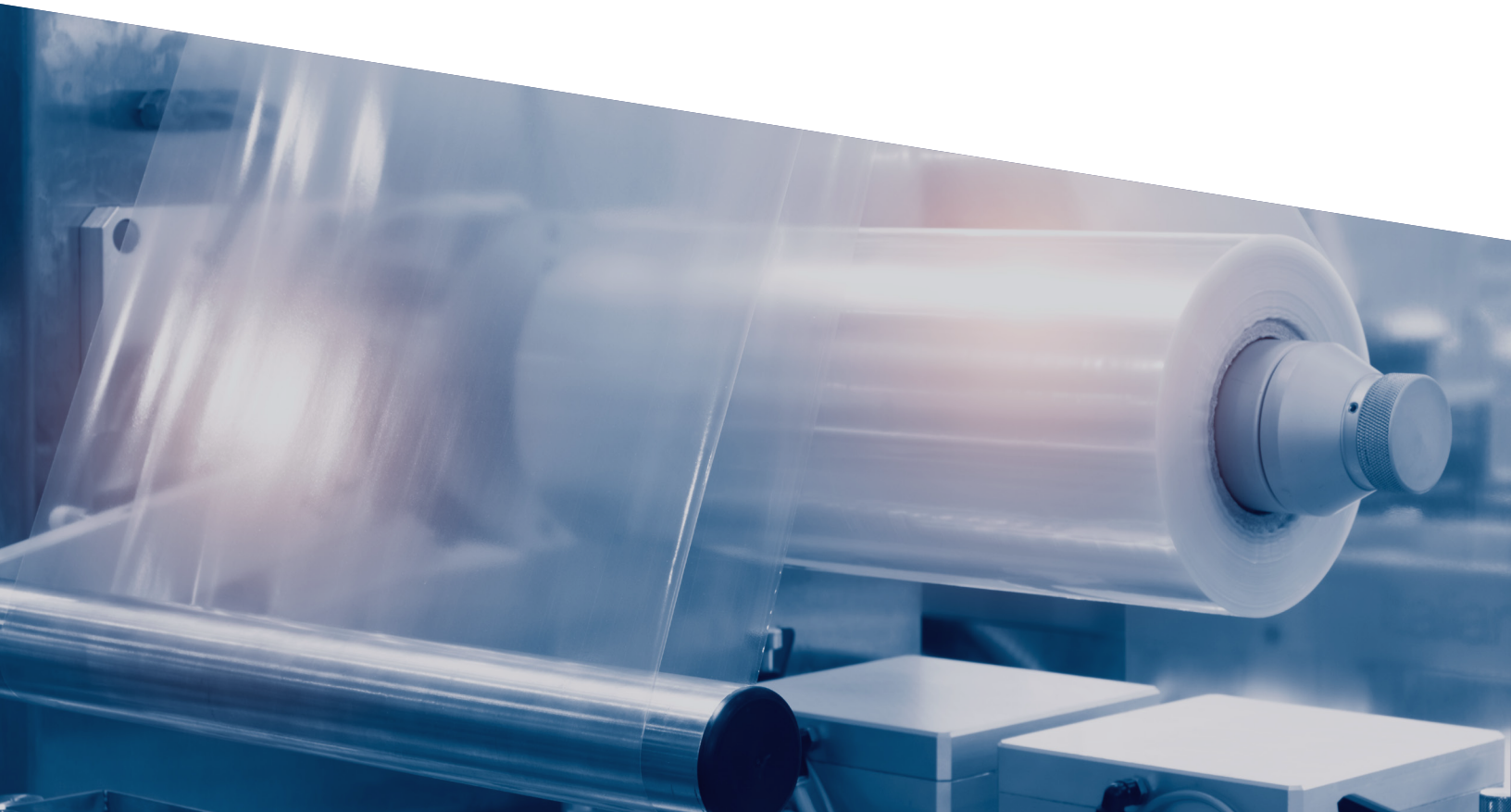
WATERBORNE ACRYLIC

- Eliminates solvents
- Utilizes low-temperature application
- Offers high-speed coating processes



UV ACRYLIC

- Includes 100% solids
- Lowers energy consumption
- Increase line speeds



Why You Should Choose Bostik for Your PSA Needs

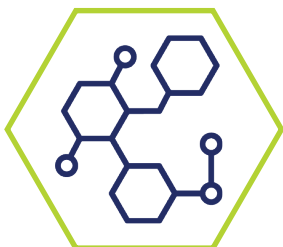
Bostik's PSA portfolio provides the most complete and integrated product selection across market segments, meeting the necessary criteria to be successful in graphics and specialty films applications.

Empowered by Arkema's global manufacturing footprint and R&D capabilities, Bostik's products come with full support including:



TECHNICAL SERVICES

Receive testing and trial guidance and troubleshooting support from our Bostik experts based on your location around the world.



CUSTOMIZED FORMULATIONS

Our modifications will ensure top performance and processing based on your equipment and application needs.



SUSTAINABLE SOLUTIONS

We are continually growing our portfolio of sustainable products, including one formulated with increased bio-based raw materials and low volatile organic compounds (VOCs).

Contact a Bostik expert today to learn how our pressure sensitive adhesives can help your graphics and specialty film applications!



BOSTIK

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