

ENCOR® 9025

HIGH-SOLIDS, TACKIFIED ACRYLIC FOR LABEL APPLICATIONS IN EXTREME ENVIRONMENTS



Product Benefits

- ENCOR® 9025 is a tackified acrylic with good adhesion to many substrates.
- Excellent die-cutting and converting with good shear strength while maintaining high peel and tack.
- Conforms to BS 5609:1986 Section 2 "Marine and Laboratory Performance of Label Base Materials" when coated onto suitable face stock.

Performance Benefits

- Excellent balance of peel, tack and cohesive strength
- Adhesion to low surface energy surfaces
- High line speed capability
- Conformance to FDA 21CFR175.105h SAFT (Shear Adhesion Failure Temperature) > 185°C

Typical Physical Properties*

Total Solids, % by weight	51
Polymer Type	Acrylic
Weight/Gallon (lbs)	8.6
pH Value	6.5
Particle Size, Microns	0.4
Viscosity, Brookfield, cP, #3 LVT at 60 rpm, 25±1°C	500
Glass Transition Temperature (Tg), midpoint, °C	-36

Typical Adhesives Properties**

180° Peel, 30 min dwell on stainless steel, pli	3.8
180° Peel, 24 h dwell on stainless steel, pli	4.0
Loop Tack on stainless steel, pli	3.0
Shear Resistance, hours, on stainless steel, (1/2" x 1/2" x 500 g)	10

* The physical property data listed are considered to be typical properties, not specifications.

** Tested on 2-mil PET backing at a coat weight of 1.2 – 1.4 g/100 in², 73° F, 55% R

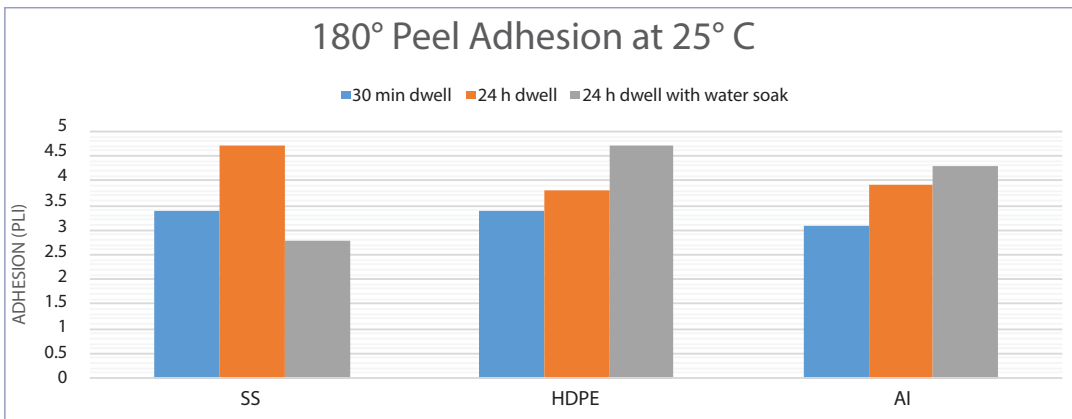


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SAMPLE PREPARATION	
Face Stock	2.0 mil PET
Release Liner	5 mil siliconized release paper
Adhesive Film Thickness	1.0 mil
Coating Method	Transfer Coat

TACK PROPERTIES: 25°C		
PSTC-16, Loop Tack		
HDPE	2.4 lbs/in	10.6 N/2.5cm
Aluminum	2.4 lbs/in	10.6 N/2.5cm
SS	3.9 lbs/in	17.3 N/2.5cm



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Product Safety

Before handling the materials listed in this bulletin, read and understand the product SDS (Safety Data Sheet) for additional information on personal protective equipment and for safety, health and environmental information. For environmental, safety and toxicological information, contact our Customer Service Department at 1-866-837-5532 to find an SDS, or visit our web site: www.coatingresins-arkema.com

No chemical should be used as or in a food, drug, medical device, or cosmetic, or in a product or process in which it may contact a food, drug, medical device, or cosmetic until the user has determined the suitability and legality of the use. Since government regulations and use conditions are subject to change, it is the user's responsibility to determine that this information is appropriate and suitable under current, applicable laws and regulations.

Coating Resins – Arkema requests that the customer read, understand, and comply with the information contained in this publication and the current SDS(s). The customer should furnish the information in this publication to its employees, contractors, and customers, or any other users of the product(s), and request that they do the same.

Storage and Handling

Follow procedures typically recommended for polymer dispersions. Use corrosion-resistant storage tanks and piping. Air-operated diaphragm pumps are preferred. Avoid temperature extremes. Do not freeze; store between 4-40°C.



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