

TACKIFIED ACRYLIC PSA



PSA-1

Product Application and Description:

PSA-1 is a general purpose tackified acrylic pressure sensitive adhesive designed for permanent adhesion in a wide range of applications. This adhesive is approved for food packaging under the provisions of 21CFR175.105. PSA-1 provides aggressive adhesion to a variety of substrates including corrugated cardboard, stainless steel, LDPE, HDPE, OPP and glass.

Shelf Life and Storage:

It is recommended to consume all materials within 1 year from date of purchase. Best if stored in a controlled environment (72°F and 50%RH) and out of direct sunlight.

Technical Data	
Test Method/Performance Parameter	Result/Performance Properties
180° Peel at 24 hours (PSTC-101)	3.3 lbs./in.
180° Peel at 24 hours (HDPE & LDPE Substrate)	3.0 lbs./in.
180° Peel at 24 hours (OPP Substrate)	3.2 lbs./in.
180° Peel at 24 hours (Glass Substrate)	2.0 lbs./in.
Shear (1.00" X 1.00" X 1kg)	+22.0 hours
Service Temperature	-20°F to 300°F (-29°C to 150°C)
Application Temperature	10°F to 120°F (-12°C to 49°C)
Tested at 1.0 mil of adhesive on 2.0 mil polyester film to Stainless Steel. HDPE substrate where designated.	
Options	Mil Thickness
PSA-1A	1-mil
PSA-1B	.5-mil
PSA-1E	1.2-mil

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