

ADHESIVES & SEALANTS

JSP series—Two-component PU structural adhesive

It can be used to create excellent bonds over a wide range of materials such as metal, wood, concrete, glass, pottery, aluminum, plastic, etc. This product performs especially well in bonding panels such as polyurethane sandwich plank, aluminum cellular plank, polystyrene foam plank, glass fiber reinforced plastic plate, aluminum plate and steel plate. Most of those applications are surface adhering, sealing, or fixing of refrigerated trucks and containers in building industry, automobile industry, etc.

Value-added features

- * Good adhesion to a wide range of materials
- * Excellent bonding strength, toughness, impact resistance, vibrational fatigue resistance
- * Good weather resistance
- * High ageing resistance
- * Great water-tolerance and sealing ability

Options

JSP-8901—a kind of micro-molecule-foaming two-component adhesive at RT. It is suitable for bonding facing plate, such as PU sandwich panels, PUR and resin plates, PUR and aluminum plates, as well as PUR and aluminum cellular plank.

JSP-951—mostly used in adhering, sealing, or fixing of refrigerated trucks and containers in building industry, automobile industry, etc. It is also can be used in bonding over a wide range of materials such as metal, wood, concrete, glass, pottery, aluminum, plastic, etc.

JSP-951-E—more convenient to use with better fluidity and lower viscosity. And it is especially suitable for the bonding of massive panels as PU sandwich panels, PUR and resin plates, PUR and aluminum plates, as well as PUR and aluminum cellular plank, whose properties are equal to" Henkel " 8103 series.

JSP-971—With similar usage and application as JSP-951, JSP-971 is more convenient to use with better fluidity and lower viscosity, while JSP-951 is whiter than JSP-971.

We also can customize special -used adhesives tailored to customer's diversified requirements.

Properties

	JSP-8901	JSP-951	JSP-951-E	JSP-971
Appearance				
Component A	White musky	White musky	White musky	White musky
Component B	Brown liquid	Brown liquid	Brown liquid	Brown liquid
Viscosity(MPa·s, 25)				
Component A	180000±50000	300000±70000	70000±20000	180000±50000
Component B	200±50	200±50	200±50	200±50
AI/AI Shear				
strength(MPa, at RT)	≥8	≥10	≥8	≥10

AI/AI	Shear	≥5	≥8	≥6	≥8
strength(MPa, 80)					
Shore D hardness		50~55	65~70	60~65	65~70
Waterproof performance		No change after immersed in water for 1 week			
Application Temp()		-40~70			
Ageing life		10 years			
Applicable time		30~90 minutes			
Tack-free time		4 hours			

DJ series---One-component PU adhesive

Value-added features

- * Easy operating
- * Good bonding strength
- * Good elasticity

Options

DJ-972 is mainly used in bonding rubber grains or rubber fibers of sport mats, and is applied as sealant in overall construction of sports and leisure places and kindergartens.

DJ-975 is mainly used in bonding cork crumbs together in order to make cork stopping or cork sheets after heating and pressing procedures.

Properties

	DJ-972	DJ-975
Appearance	Yellowish, musky, crystal liquid	Yellowish, musky, crystal liquid
Viscosity(mPa·s, 25)	5000±1000	4000±1000
Density(g/cm ³ , 25)	1.08±0.02	1.08±0.02
Solid content(%)	≥99.5	≥99.8
First cure time(80~100)	≤12 hr	≤12 hr

Solvent borne--- One-component adhesive

Used for bonding of fire hose, insulating material, packaging material, compound membrane, leather, etc.

Value added features

- * Easy operating
- * Wide adhering space
- * Strong bonding strength,
- * Good flexibility
- * Good water tolerance



Other adhesive products include:

Polyurethane sealants

Polyurethane adhesive for flexible packaging

Water-soluble acrylic acid fabric coating adhesive

EPS (polystyrene) adhesives