



HP-700 Mist Spray Adhesive

HP-700 Mist Adhesive is a high performance, synthetic rubber, mist aerosol adhesive. This product offers excellent temperature performance and high initial tack for contact bonding. HP-700 Mist Adhesive forms strong permanent bonds between porous and non-porous surfaces such as metal foils, paper, cardboard, foam, wood, plastic and FRP. This product does not contain chlorinated solvents or ozone depleting substances. HP-700 Mist Adhesive is fast tacking and has a light color for no staining. Typical applications include bonding labels, gaskets, insulation, fabric, foils, thin films, displays, temporary fabric bonding, and liners. HP-700 Mist Adhesive bonds well to metal, wood, plastics, low energy plastics (polyethylene, polypropylene, EPDM), FRP, composite fiber layup, and rubber. This product can be used for permanent and temporary (repositionable) bonding.

Technology / Base	Synthetic Rubber
Type of Product	Aerosol Contact Adhesive
Components	One Component
Curing	Solvent Release
Appearance / Color	Light Amber/White
Consistency	Mist Spray

Features and Benefits

- Fast High Tack
- Long Bonding Time (open time)
- Repositionable
- Excellent Temperature Resistance
- Excellent Bonding to Labels, Gaskets, Insulation, Fabric, Foils, Thin Films, Displays, and Liners
- No Chlorinated Solvents
- No Ozone Depleting Substances
- Light Color with No Staining
- Permanent or Temporary Bonding Capability

Technical Data

Typical Properties	Value	Condition/Method
Solvents	Acetone, Hexane, Cyclohexane, Hydrocarbon propellant	
Solids Content by Weight	18%	
Density	5.0 lb/gal	
Spray Pattern	Mist	
Dry Time	1 to 2 min	
Bonding Time	Up to 30 min	
Shelf Life	12 months in unopened container	when stored below 80°F
Shear Strength	125 to 150 psi	7 days at 77°F, ASTM D3654
180° Peel Strength	10 to 15 lb/in	7 days at 77°F, ASTM D3330
Shear Adhesion Failure Temperature (SAFT)	120 °F	ASTM D4498
Operating Temperature	-40°F to 120°F	



Surface Preparation

Clean, dry, dust-free surfaces are required for optimum bond strength. Surface temperatures should be maintained at temperatures above 40° F. The adhesive should be applied in smooth even coats to both surfaces and adequate pressure applied to assure complete contact.

Application Methods

- Shake can well before use.
- Always direct arrow & spray toward surface to be bonded, holding can 6-10 inches from bonding surface and apply in even coats.
- Always maintain product package in an upright position and hold parallel to substrate. Spray both surfaces and allow 1-4 minutes for drying.
- Bond both surfaces together with maximum uniform pressure over entire surface.
- Always test production pieces in typical bonding & operating conditions for best application techniques and compatibility.
- If clogging occurs, clean tip & valve with acetone.

Safety and Disposal

See SDS for safety information, warnings, precautions, personal protective equipment, and disposal information.

Clean-Up

Acetone is recommended for cleaning equipment and over spray. Other solvents will provide varying degrees of cleaning capability.

Precautionary Data

FLAMMABLE. Keep away from sparks and open flames.

- For Professional/Industrial use only.
- Keep away from children.
- Read label and Safety Data Sheet carefully before use.
- Do not puncture or incinerate containers.
- Do not store at temperatures above 120°F

Storage

Product should be stored in a cool dry place out of direct sunlight. The shelf life is from date of manufacture. Shelf life is based on the products being stored properly at temperatures between 55°F and 80°F.

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Royal Adhesives and Sealants, LLC
an H.B. Fuller Company
2001 W. Washington Street
South Bend, IN 46628
+1 800.999.GLUE



H.B. Fuller
www.hbfuller.com

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