

A300 SERIES PVC ADHESIVES

A300 Series PVC Adhesives are industrial strength adhesives designed for chemical welding of pipes, sheeting and component parts made of polyvinyl chloride (PVC). They are formulated to provide rapid dry, maximum bond strength and in-can stability. Available in clear and white (opaque).

Matching PVC Adhesive Thinner, which may be used as primer, thinner, or to clean equipment is also available.

TECHNICAL DATA

Property	A300-WH White	A300-CL Clear	T300 Thinner
Solids by Weight, ASTM D1353	29	28	0
Density, lbs./Gal, ASTM D1475	8.1	8.0	6.7
Viscosity, Kreh Units, ASTM D562	80 – 90	80 – 90	NA
Bond Strength, kPa, ASTM D638	>2,000	>2,000	NA

PACKAGING

A300-WH White PVC Adhesive, A300-CL Clear PVC Adhesive, and T300 PVC Adhesive Thinner are available in metal or plastic quarts and metal gallon containers.

ADVANTAGES

- ▶ Low viscosity for easy application
- ▶ Superior surface wetting and softening effects provide outstanding bond strength
- ▶ Resins contained in these products have FDA approval for indirect food contact (21 CFR 175)

COVERAGE

200 ft²/Gal at 3 mils wet, theoretical.

SURFACE PREPARATION

Surfaces should be clean, dry, and free from grease, oils, dust, and other contaminants. For maximum performance, we recommend wiping T300 PVC Adhesive Thinner over area to be treated to help clean and soften.

APPLICATION CONDITIONS

CAUTION! FLAMMABLE! Use in well ventilated areas. Do not use near open flame, sparks or other ignition sources. Apply at temperatures between 40°F and 90°F. Shake or stir PVC Adhesive before use. Spread a thin layer and immediately position parts together. Use a twisting motion to position pipe fittings. Will set within minutes, though should be allowed to cure for 8 – 10 hours for maximum adhesion.

Excess material exposed to sunlight may darken over time, so care should be taken to wipe off all excess material with a dry cloth. Avoid contact with skin – wear suitable chemical resistant gloves.

EQUIPMENT

May be applied with adhesive applicators, brush, roller or spray. Clean all equipment with PVC Adhesive Thinner after each use.

THINNING

Thinning is not required. If thinning is desired, up to 15% PVC Adhesive Thinner may be used. Mix contents thoroughly and use immediately.

STORAGE

Store adhesive in the original, tightly sealed container in a cool, dry place. Under these conditions, the material is expected to have a minimum shelf life of 18 months from the date of manufacture. Thinning may compromise shelf stability, so thinned material should be used immediately. If material has gelled, do not use as it may compromise bond strength.

SAFETY

Review product label and safety data sheet (SDS) prior to use. Use only in well ventilated areas. Vapors are extremely flammable – do not use near open flame or other ignition sources. After use, wash hands thoroughly with soap and water. Do not use PVC Thinner to clean skin. Contains chemicals that may be absorbed through skin – wear appropriate gloves and avoid contact. If exposed to skin, wash immediately with soap and water.

VOC Content

700 g/L maximum

WARRANTY

This product will be manufactured without defect when used within 6 months of the date of manufacturing if applied and used in a manner consistent with manufacturer instructions. This limited warranty covers material replacement only and specifically excludes labor, any damage to the application surface or other damage, either direct or consequential.

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