



Adhesive Technologies, Inc.

3 Merrill Industrial Drive • Hampton, NH 03842 • 1-800-544-1021 • adhesivetech.com

# Formula 271

## DESCRIPTION

Formula 271 is a high performance hot melt adhesive for bonding glass, metals and most plastics and has outstanding shock resistance even at low temperature. This high performance adhesive is extremely versatile and has a long working time, 45 seconds (based on 1/8" wide glue line).

## NON-TOXIC

The components in Formula 271 have been analyzed by a qualified toxicologist and this product is certified to be non-toxic. Additionally, Formula 271 meets FDA CFR 175.105 adhesive requirements for indirect contact with food.

## TYPICAL USES

Trophy nameplates, luggage manufacturing, metal bonding, plastics, furniture, general product assembly.

### PRODUCT SPECIFICATIONS

Softening point	177°F (81°C)
Viscosity @ 350°F (176°C), centipoise	8,000
Specific gravity	0.98
Shear tensile strength on pine, psi	580
Adhesive tensile on pine, psi	256
Adhesive tensile on steel, psi	397
Hardness @ 72°F (25°C)	74
Heat resistance	134°F (57°C)
Open time (approx.), seconds	45

### Test Method

ASTM E28-67
Brookfield Thermosel
ASTM 1475
ASTM D-1002
ASTM D-1344-78
ASTM D-1344-78
Shore "A"
AdTech
AdTech

### VISCOSITY PROFILE

@250°F	50,000 cps.
@300°F	12,000 cps.
@350°F	8,000 cps.
@400°F	4,000 cps.

## APPLICATION

For optimum performance, Formula 271 should be applied in one of AdTech's reliable hand held hot melt applicators.

IMPORTANT NOTICE: All statements, technical information and recommendations contained herein are based on tests we believe to be reliable but the accuracy of completeness thereof is not guaranteed, and the user should determine the suitability of the product for the intended use. AdTech disclaims any responsibility for any warranties of merchantability and fitness for purpose, verbal recommendations of its representatives and consequential damages.

Adhesive Technologies, Inc. / 3 Merrill Industrial Drive, Hampton, NH 03842 USA / Tel: 603 926 1616 / Fax: 603 926 1780

Oct. 15, 2015