

# ADHESIVE PRODUCT SPECIFICATION

## CFA1012

### **DESCRIPTION:**

CFA1012 is a moisture curable polyurethane reactive hot melt adhesive designed for bonding a wide variety of substrates. CFA1012 has excellent adhesion to Melamine, PVC, ABS, Lexan, Wood and Fiber Reinforced Plastic (FRP). It also adheres to numerous other substances including: glass, aluminum and cold rolled steel. CFA1012 exhibits thermal stability and resistance to solvents and finishes. A UV indicator is standard.

### **PHYSICAL PROPERTIES:**

CHEMICAL FAMILY DESCRIPTION	: Polyurethane
OPEN TIME	: 3 minutes 30 seconds
WEIGHT PER GALLON (LBS)	: 9.8 lbs/gal
SET TIME	: 75 seconds
TYPICAL VISCOSITY (cps) @ 250°F	: 9,500 +/- 2,000 cps
PACKAGING:	: 10 fluid oz. Cartridge/0.76 lb., 2 Kilogram can/4.4 lb.

### **APPLICATION**

**OPEN TIME:** Open and set times may vary with application temperature, ambient temperature and thermal conductivity and temperature of the substrates.

**CURE RATE:** Cure rate is dependent on temperature, adhesive thickness, ambient and substrate moisture contents and permeability of the substrate. In typical applications, a 90% cure is achieved within 24 hours and a full cure within five to seven days.

**PROPERTIES:** Consult Glue Machinery Corporation for data on peel and shear strength, Type 1 or Type II water resistance, cold and heat resistance or other properties for your specific application.

**APPLICATION:** 130 linear feet per cartridge or 170 linear feet per pound (1/8" OD bead size).

### **STORAGE AND HANDLING**

**SHELF LIFE:** 12 months at 70°F. Store in unopened container.

**SAFETY:** Product contains isocyanates. Wear gloves when handling adhesive. Consult MSDS before use.

Our recommendations, if any, for use of this product are based on tests believed to be reliable. The greatest care is exercised in the selection of our materials and in the manufacturing operations. However, we make no recommendations to use this product in any manner which conflicts with existing laws and/or patents and WE MAKE NO WARRANTIES, EXPRESS OR IMPLIED, REGARDING THIS PRODUCT OR ITS USE, INCLUDING MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE, THE MANUFACTURER IS NOT LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL OR SPECIAL DAMAGES OF ANY KIND.

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