



Hybond®

PRODUCT DATA SHEET



666 Redna Terrace, Suite 600
Cincinnati, OH 45215
Customer Service: (800) 330-5566

Product Number: **CF-23NF, CF-23NFG**

Description: **Non-Flammable, Canister Contact Adhesive, Spray Grade**

Typical Physical Properties

Adhesive	Non-Flam / Non-Flam (Propellant / Adhesive)	VOC	22 g/l (EPA Method 24)
Dry Time	3-4 Minutes	Coverage Rate	3.0 dry grams/sq. ft. minimum
Solvents	Methylene Chloride	Clean Up	Choice Brands 1000 or Citrus Cleaner
Open Time	45 minutes	Shelf Life	1 Year in unopened container
Color	Natural / Green	VHAP	3.75 lbs/lbs of solids
Flash Point	N/a	Pattern	Web
		Packaging	35, 162 & 326 lb

Qualifies for LEED®-NC & CI EQ Credit 4.4: laminating adhesives shall contain no added urea formaldehyde resins

Properties:

- High Bond Strength
- High temperature non-flammable canister contact cement
- Excellent adhesion to a variety of substrates including, but not limited to laminates, particle board, plywood, hardwood, leather rubber and metal.
- Fast drying
- Excellent room temperature contactability
- High heat resistance
- Portable System

Application:

1. Prepare the surface to be bonded. Ensure both faces are clean and free of dust, dirt and grease. If necessary, wipe clean with CBA Citrus Cleaner.
2. Hold spray gun at a constant distance of between 6-10 inches (150-250mm) from the surface, allowing adhesive to cobweb across the surface with minimal overlap for thick laminates. For thin laminates allow for approximately 50% overlap of successive passes to prevent telegraphing.
3. Maintain a constant hand speed during spraying. Apply a consistent and thorough coating without allowing the adhesive to puddle or heavily wet the surface. Maximum bond strength is achieved with substrate coverage between 80-100% with a recommended coat weight minimum of 3.0 dry grams per square foot.
4. Maximum adhesion will be obtained by spraying opposing mating faces with an adhesive pattern at 90° angles to each other. (Example: Face one substrate vertically while spraying. Face the other substrate horizontally. Extra coverage is recommended at substrate edges.
5. Hold spray gun at 90° angle to substrate surface while spraying. Release trigger at end of each pass to optimize coverage.

6. Apply a minimum of 3.0 dry grams/sq. ft. For best results, **apply two coats of adhesive** to any porous surface; **one base coat and a secondary top coat**. This ensures adequate layup particularly on CARB 2 PARTICLEBOARD and other similar surfaces. Allow the second coat to completely dry before assembly. The adhesive should cover 80% of the surface of the substrate. The coated substrate surface should exhibit a uniform glossy sheen when the adhesive is completely dry. Dull areas indicate insufficient coverage. Adhesive should be re-applied to these areas.
7. Make sure to coat all exposed edges and corners with two coats of adhesives. Allow adhesive to dry completely before attempting assembly. (Dry time may vary due to humidity and temperature variations.) Test for dryness using back of hand only – surface should be tacky, but adhesive should not transfer to the skin.
8. Position substrates carefully and apply pressure. Work from the center of the substrate, out to prevent bubbles and wrinkles. Apply adequate pressure (40 PLI) using nip roller. Proper use of a 3” J-roller will also provide proper pressure.
9. The bonded assembly is immediately able to be trimmed or routed. Full bond strength is achieved after 24-48 hours depending on temperature and humidity.

Handling and Application:

Attach and securely tighten a hose, in your length of choice to the matching fitting provided on the gun. Attach the other end of the hose to the matching fitting on the canister. It is recommended that plumbers tape be used on the fittings to assure an air tight seal. Check the fittings again for tightness. Slowly open the valve on the top of the canister and check for leaks. Half way is recommended at first. When hose is connected, keep canister valve open and hose pressurized at all times. Do not disconnect the hose until ready connect to new canister. Release pressure in hose before disconnecting from canister. Do not use in applications with copper or aluminum components. This adhesive is not recommended for use with plasticized vinyl, flexible plastics, expanded/extruded polystyrene, polyethylene, or polypropylene. Use only in well ventilated areas. Do not use near ignition sources. Avoid application equipment containing aluminum or copper.

Storage Conditions:

Store between 60° F and 90° F for best performance. Do not expose to direct sunlight. Diminished performance may occur below 60° F. If so, warm canister to room temperature. Remove directly from concrete floor in cold temps. Do not freeze.

Attention: Empty container remains hazardous until all vapors, which could explode upon ignition, are gone from residue and container. Observe all labeled hazard precautions. Do not cut, puncture, or weld while hazard exists. Do not reuse empty container. Recycle, or dispose of, according to all federal, state, and local regulations.

Use in conjunction with: Adjustable Spray Gun (part no LJC6106) w/ 6501 Tip and hose

Please Refer To The Safety Data Sheet For Further Information.