

CMCP210C Acrylic Adhesive For Accelerometer Mounting

Features



- Acrylic Adhesive
- 42 ml Dispenser Package
- 4:1 Mixing Ratio
- Hands Off Mixing
- -40°C to 149°C (-40°F to 300°F)
- Mounts up to 15 Accelerometers
- Non-Sag
- MSDS Available

Typical Applications

Acrylic Adhesive is an easy-to-use solution for gluing Accelerometer Mounting Pads to a prepared surface area on the bearing housing.

Description

CMCP210C acrylic adhesive bonds a wide variety of prepared or unprepared metals and engineered plastics. The adhesive is specifically formulated to provide the highest impact and peel strength available in a room temperature curing adhesive. CMCP210C adhesive replaces welding, brazing, riveting and other mechanical fastening methods especially in low temperature environments subject to high impact or high peel loads.

Each 42 ml (1.42 oz.) package will glue approximately fifteen (15) Accelerometer Mounting Pads. A Material Safety Data Sheet for this product can be supplied on request and a copy is provided in the Product Description. A CMCP207 4:1 ratio Manual Dispenser is required to dispense, and mixing occurs in CMCP208 disposable mixing nozzles.

Non-Sag:	Remains non-sag when applied on vertical surfaces
Cold Temperature Strength:	Performs exceptional at temperatures down to -40°C (-40°F)
Bonds Unprepared Metal:	Requires little or no substrate preparation
Bonds Plastic:	Bonds difficult plastics such as polycarbonate and XENOY®
Environmental Resistance:	Resists dilute acids, alkalis, solvents, greases, oils, moisture, and weathering

This adhesive also provides excellent UV exposure resistance.

Instructions

Surface Preparation:

Remove grease, loose contamination, or poorly adhering oxides from metal surfaces. Normal amounts of mill oils and drawing compounds usually do not present a problem in adhesion. Most plastics require a simple cleaning before bonding. Some may require abrading for the best performance.

Mixing:

Hand mix or apply with automatic meter/mix/dispense equipment. Mix resin with the proper amount of accelerator. Once mixed, the acrylic adhesive cures rapidly.

Application:

Apply to substrates and join. Curing - the cure is completed in 24 hours at room temperature. The cure rate can be accelerated by applying modest heat. The surfaces need to be held in contact during the entire cure period. If heat cured, do not exceed temperatures of 66°C (150°F).

Clean Up:

Uncured Adhesive - Clean excess adhesive on the bonded assembly, as well as mixing and application equipment, before the adhesive cures. Use hot water and detergent, or an organic solvent. Cured Adhesive - Heat the cured adhesive to 204° C (400°F) or above to soften the adhesive.

Ordering Information

CMCP210C Acrylic Adhesive, 42 ml Dispenser Package, Duo Pack Cartridge (Requires Dispenser)