



39357 FLEXIBLE URETHANE FOAM

TECHNICAL DATA SHEET

Description

39357 FLEXIBLE URETHANE FOAM is a two component urethane system formulated to fill voids and duplicate OEM foams without warping panels. **39357** effectively restores sound deadening properties while eliminating flutter in panels under hoods, roofs, door panels and other problem areas. **39357** bonds to most common automotive substrates including painted and unpainted metals, SMC, FRP and other rigid or flexible plastics.

Features

- Duplicates OEM foams in texture and color
- Excellent sound dampening qualities
- Stops panel flutter
- 10 X volume expansion
- Does not require moisture to cure
- Will not distort panels
- Fast cure
- Resists shrinking
- Bonds to most substrates

Typical Properties

Containers	39357 - 7 oz. DUAL-MIX cartridge
Color	Black
Working time	15-25 seconds @ 70°F (21°C)
Set time	1-2 minutes @ 70°F (21°C)
Cure time	Less than 1 hour @ 70°F (21°C)

Handling and Application

PREPARATION: When possible, clean surface thoroughly with **3835() PLASTIC/LEATHER PREP**. Apply according to directions.



MIXING:



Place cartridge into **70029 DUAL-MIX APPLICATOR GUN** or **70073 2:1 MANUAL APPLICATOR GUN**. To remove cap, insert flat head screwdriver into slot and pry upward. **NOTE:** For cap replacement, match circles and square, and snap back into place. Prior to installing static mixer, equalize cartridge by dispensing product until both parts flow equally. Install static mixer. Cut tip to desired application size.

Use Static Mixers: 70011 INTEGRAL NUT SQUARE STATIC MIXERS (6 pack) or **70012 INTEGRAL NUT SQUARE STATIC MIXERS** (50 pack)

IMPORTANT NOTE: Due to the fast reaction time of **39357**, remove the static mixer **IMMEDIATELY** after using. If left in place, the curing action will force the unused portion back into the cartridge and cause clogging. Replace cap.

APPLICATION:



Eliminating panel vibrations:

1. Remove adjacent panels to give direct access to vibrating panel.
2. Place tip of static mixer on back of vibrating panel and apply a bead of **39357**. **39357** will expand sufficiently to eliminate vibration.

Repairing cracks in dash panels:

1. Clean first with **39362 SEM SOAP** and rinse with water. Next clean with **3835() PLASTIC/LEATHER PREP**.
2. Cut or grind away all loose material. "V" groove around the damaged area. Sand with 80 grit paper 2-3" (5-8 cm) around damaged area. Blow off entire area to remove dust and clean again with **3835()**.
3. Place tip of static mixer in bottom of damaged area and apply a bead of **39357**. **39357** will expand sufficiently to fill void and allow for leveling.
4. After **39357** has cured for 1-2 minutes, use a razor blade to trim away excess material. Finish with a small rotary grinder to sand to proper level and contour. Wipe and blow off surface and tack clean with a tack cloth.
5. Apply a thin layer of **39927 FLEXIBLE SEM WELD**.

NOTE: When gunned slowly, **39357** will expand quickly after exiting the static mixer; however, when gunned quickly, **39357** will expand at a slower rate allowing the maximum working time for hard to reach areas.

STORAGE:



39357 FLEXIBLE URETHANE FOAM should be stored in a cool dry place with adequate ventilation away from heat, sparks and flames. The shelf life for **39357** is 1 year when stored under normal conditions.

TECHNICAL CONSULTATION SERVICE

Our Technical Staff is ready to assist you with any questions. You are invited to take advantage of our extensive experience, laboratory services and trained field service representatives. Call (800) 831-1122 for answers to your questions. Hours of operation are Monday through Thursday 8:00 am until 5:00 pm EST and on Friday 8:00 am until 4:30 pm EST.

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Users should review the Material Safety Data Sheet (MSDS) and product label for the material to determine possible health hazards, appropriate engineering controls and precautions to be observed in using the material. Copies of the MSDS and product label are available upon request.

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