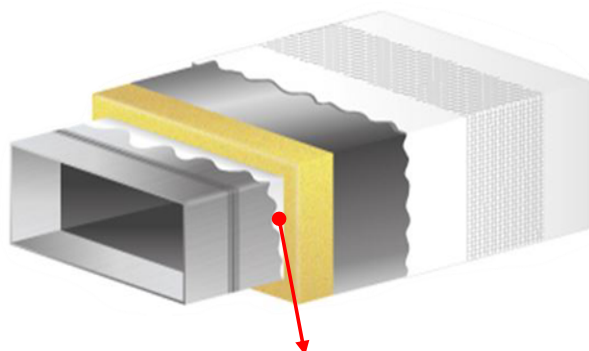


SHC 107-00/02

DUCT II ADHESIVE



SHC 107-00/02

MAIN APPLICATION

- ◇ Synthetic rubber based economical quick-setting elastomer adhesive
- ◇ Duct liner adhesive for low density insulation (up to 48 kg/m³)

SHC 107-00/02 is a quick-setting, synthetic elastomeric adhesive for attaching duct liner and insulation to metal sheet.

COLOR

107-00: Red
107-02: Amber

APPLICATION TOOL

Spray, Roller, Brush

AVERAGE WEIGHT / LITER (ASTM D 1475)

0.74 ±0.05 kg/Liter

AVERAGE NON-VOLATILE (ASTM D 2369)

18% ±0.8 by volume
24% ±1.1 by weight

COVERAGE RANGE (SHTM 13)

(Subject to type of surface and nature of material being bonded)

0.08 kg/m²

Wet Film Thickness: 0.11 mm

Dry Film Thickness: 0.02 mm

BONDING TIME RANGE(25°C, 50%RH) (SHTM 12)

0 ~ 30 minutes

SERVICE TEMPERATURE LIMITS (SHTM 08)

(Temperature at coated surface)

-29°C ~ 93°C

WET FLAMMABILITY (ASTM D 3278)

Flash Point : ≥-7°C

SURFACE BURNING CHARACTERISTICS (ASTM E 84)

Class 1 or A

REMARKS

Store and apply between 4°C and 38°C.

Contains no asbestos, lead, mercury or mercury compounds.

Always test plastic materials and painted surfaces for compatibility when using solvent base product.

Allow to dry to a solvent-free condition before installing weld pins.

Not suggested for sealing vapor barrier jackets.

Overhead applications may require mechanical fasteners.



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Preparation for application

- Do not thin product.
- Shake container or stir well as the product is so low viscosity that some solvent may appear on surface.
- Do not use breakable sticks or boards which are vulnerable to pollute product.
- Apply only to clean, dry, oil-free surfaces.
- Keep the container of product firmly closed in times of not in use to prevent evaporation of oil and surface skinning.

Application Method

- Apply SHC 107-00/02 at a thickness of 0.11 mm in wet, which is equivalent to 0.08 kg/m².
- While the adhesive is still wet, combine substrates with sufficient pressure to ensure 100% contact.
For the highest adhesive strength be aware that bonding time varies depend on application temperature.
That is to say high temperature accelerates it while the low lengthens.
- This application provides dry film thickness of 0.02 mm.
- As rough or porous surfaces require more products, higher built thickness is recommended.

Tools

- Use clean trowel or rubber gloves.
- Be mindful to have uniform thickness using the tools.

Clean up

- As dried product is too difficult to remove, clean them before drying.
- After dried, use mineral spirits or chlorinated solvent, once cured, employ strong solvent like xylene to clean the equipment.