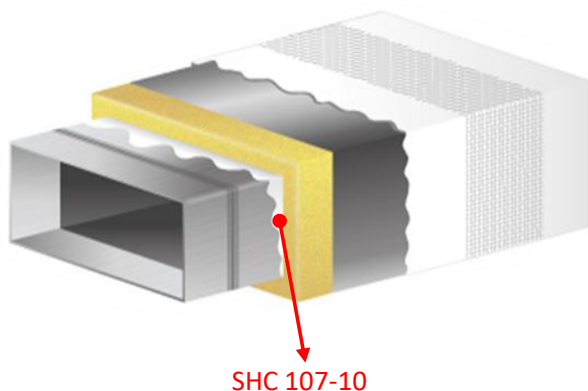


SHC 107-10/11

DUCT ADHESIVE



SHC 107-10

MAIN APPLICATION

- ◇ Economical quick-setting elastomer adhesive
- ◇ Fire resistive adhesive
- ◇ Fibrous glasswool or mineralwool insulations (up to 48 kg/m³) to metal air-conditioning ducts

SHC 107-10/11 is a duct adhesive for use with fibrous insulation and acoustical linings for air conditioning

COLOR

107-10 : Green
107-11: Off-white

APPLICATION TOOL

Spray, Brush, Roller

AVERAGE WEIGHT / LITER (ASTM D 1475)

0.74 ±0.05 kg/Liter

AVERAGE NON-VOLATILE (ASTM D 2369)

18% ±0.8 by volume
28% ±1.3 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 ~ 15 minutes

SERVICE TEMPERATURE LIMITS (SHTM 08)

(Temperature at coated surface)
-29°C ~ 93°C

WET FLAMMABILITY (ASTM D 3278)

Flash Point : ≥-22°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 material for compatibility when using a solvent base product.
Make certain this product is completely dry and the area is free from solvent odor if food is involved.
Not suggested for sealing vapor barrier jackets.
Allow to dry to a solvent-free condition before installing weld pins.
Overhead applications may require mechanical fasteners.

SHTM : SAM HWA TEST METHOD

Sam Hwa Chemicals Co., Ltd.

71-17, Cheonjeong 2-gil, Mokcheon-eup, Dongnam-gu, Cheonan-si, Chungnam, Korea T: +82-2-517-6847 E: sales@shckorea.com / www.shckorea.com

The warranted shelf life is one year from date of shipment.

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SHC 107-10/11

DUCT ADHESIVE

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 107-10/11 at a thickness of 0.11 mm in wet, which is equivalent to 0.08 kg/m².
- Apply evenly and leave it for about 15 minutes at room temperature and then adhere closely.
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 brush.
- 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.

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