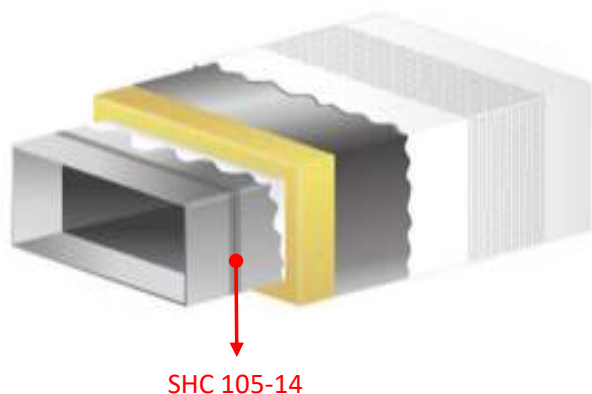


SHC 105-14

DUCT SEALANT



MAIN APPLICATION

- ◇ Fire resistive and flexible duct sealant
- ◇ Sealing joints, seams, and pin holes on metal air ducts
- ◇ Fast setting sealant

SHC 105-14 is a fast-setting elastomeric compound as a sealant for air conditioning ducts.

COLOR

Gray

APPLICATION TOOL

Brush, Caulking Gun, Power Extrusion

AVERAGE WEIGHT/ LITER (ASTM D 1475)

1.10 ±0.05 kg/Liter

AVERAGE NON-VOLATILE (ASTM D 2369)

43% ±2.0 by volume

63% ±3.0 by weight

COVERAGE RANGE (SHTM 13)

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

1.3 kg/m²

Wet Film Thickness: 1.2 mm

Dry Film Thickness: 0.5 mm

DRYING TIME (25°C 50%RH) (ASTM D 1640)

Set To Touch: 2 hours

Dry through: 36 hours

SERVICE TEMPERATURE LIMITS (SHTM 08)

(Temperature at coated surface)

-23°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 for compatibility when using a solvent based product.

Systems may be pressure-tested 36 hours after application, above 60°F (16°C).

Make certain this product is completely dry and the area is free from solvent odor if food is involved.



SHC 105-14

DUCT SEALANT

Preparation for application

- Do not thin 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 solvent and surface skinning.

Application Method

- When you apply SHC 105-14, you must pay attention on its fast- drying properties.
- Apply SHC 105-14 at a thickness of 1.2mm in wet, which is equivalent to 1.3kg/m².
- This application provides dry film thickness of 0.5mm.
- When sealing with caulking gun, apply at a thickness of 3.2mm ~6.4mm in wet.
The requirement of products may vary depend on situation.
- This application provides 2.0mm~4.3mm dried film thickness.
- SHC 105-14 can be used for sealing of gasket and bonding the fiber materials to duct.

Tools

- Use clean trowel, caulking- gun.
- 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.