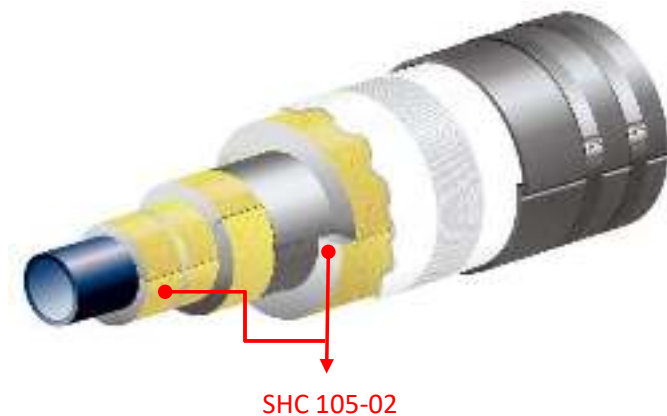


SHC 105-02

D.T. JOINT SEALANT



MAIN APPLICATION

- ◇ Dual temperature joint sealant
- ◇ Compatible with polystyrene foam
- ◇ Preventing shrink or crack against thermal cycling

SHC 105-02 is a plant oil based flexible joint sealant for thermal insulation.

COLOR

Gray

APPLICATION TOOL

Trowel

AVERAGE WEIGHT / LITER (ASTM D 1475)

1.69 ±0.05 kg/Liter

AVERAGE NON-VOLATILE (ASTM D 2369)

93% ±4.4 by volume

96% ±4.5 by weight

COVERAGE RANGE (SHTM 13)

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

3.7 kg/m²

Wet Film Thickness: 2.2 mm

Dry Film Thickness: 2.0 mm

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

Set To Touch: 24 hours

Dry Through: 7 days

SERVICE TEMPERATURE LIMITS (SHTM 08)

(Temperature at coated surface)

-73°C ~ 153°C

WATER VAPOR PERMEANCE (ASTM E 96)

0.06 perms @3.2mm DFT

WET FLAMMABILITY (ASTM D 3278)

Flash Point : ≥61°C

REMARKS

Store and apply between 4°C and 38°C.

Contains no asbestos, lead, mercury or mercury compounds.

Do not apply over greasy, oily, damp or frosty surfaces.

Do not use under solvent-based elastomer mastics or coatings.

SHTM : SAM HWA TEST METHOD

Sam Hwa Chemicals Co., Ltd.

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

210503



SHC 105-02

D.T. JOINT 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

- Apply SHC 105-02 at a thickness of 2.2mm in wet, which is equivalent to 3.7kg/m².
- Apply the insulation to be stuck firmly to another leaving no room to keep air in the sealant.
- Remove sealant protruded out of jointed area clearly with trowel or putt- knife.
- This application provides dry film thickness of 2.0mm.
- As rough or porous surfaces require more products, higher built thickness is recommended.
- Additional application should be done after complete drying out of the first surface.

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.