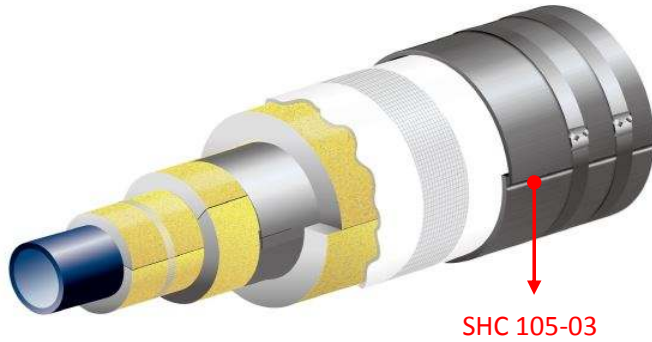


# SHC 105-03

## METAL SEALANT



### MAIN APPLICATION

- ◇ Metal sealant for SUS & aluminum jacketing
- ◇ Flexible elastomeric sealant
- ◇ Multi-purpose high temperature sealant
- ◇ Weather resistant

SHC 105-03 is a butyl based elastomer for all types of thermal insulation.

#### COLOR

Aluminum

#### APPLICATION TOOL

Trowel, Caulking gun

#### AVERAGE WEIGHT / LITER (ASTM D 1475)

1.10 ±0.05 kg/Liter

#### AVERAGE NON-VOLATILE (ASTM D 2369)

58% ±2.7 by volume  
65% ±3.0 by weight

#### COVERAGE RANGE (SHTM 13)

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

Trowel : 2.4 kg/m<sup>2</sup>

Wet Film Thickness: 2.2 mm

Dry Film Thickness: 1.3 mm

caulking gun : 9m/tube @6.4mm Bead

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

Set To Touch: 1 hour

Dry Through: 72 hours

#### SERVICE TEMPERATURE LIMITS (SHTM 08)

(Temperature at coated surface)

-40°C ~ 121°C

#### WATER VAPOR PERMEANCE (ASTM E 96)

0.014 perms @2.38mm DFT

#### WET FLAMMABILITY (ASTM D 3278)

Flash Point : ≥41°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.

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.

180314