



SHC 750-050

### MAIN PURPOSE

- ◇ Secondary vapor barrier
- ◇ Excellent resistance to vapor and UV
- ◇ Tough, flexible, and easy to apply
- ◇ Industrial cold and cryogenic insulation system
- ◇ Commercial building and HVAC industry

SHC 750-050 is a vapor barrier sheet composed of aluminum foil between two layers of polyester film.

#### COLOR

Bright Aluminum

#### COMPOSITION

12 $\mu$ m PET+25 $\mu$ m AL Foil+12 $\mu$ m PET

#### DENSITY

2.38 g/cm<sup>3</sup>

#### DIMENSION

Thickness: 50 micron  $\pm$  5%

Width: 1meter

Length: 200meter

(200m<sup>2</sup> Roll)

#### SERVICE TEMPERATURE

- 70 ~ 150°C

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

< 0.001 perms

#### TENSILE STRENGTH (ASTM D882)

$\geq$  100 MPa

#### YIELD STRENGTH

70 N/cm

#### TEAR RESISTANCE

400 g/mm

**ALUFILM 50** select SHC 107-75 LAP ADHESIVE for sealing the overlap of Alufilm 50 for strong adhesion effect.

#### REMARKS

Store and apply between 0°C and 40°C.

Contains no asbestos, lead, mercury or mercury compounds.

Apply only to clean dry surfaces.