



### 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 750-100 is a vapor barrier sheet composed of aluminum foil between two layers of polyester film.

**COLOR**

Bright Aluminum

**COMPOSITION**

25 $\mu$ m PET+50 $\mu$ m AL Foil+25 $\mu$ m PET

**DENSITY**

2.42 g/cm<sup>3</sup>

**DIMENSION**

Thickness: 100 micron  $\pm$  5%  
Width: 1meter  
Length: 100meter  
(100m<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 100** select SHC 107-75 LAP ADHESIVE for sealing the overlap of Alufilm 100 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.