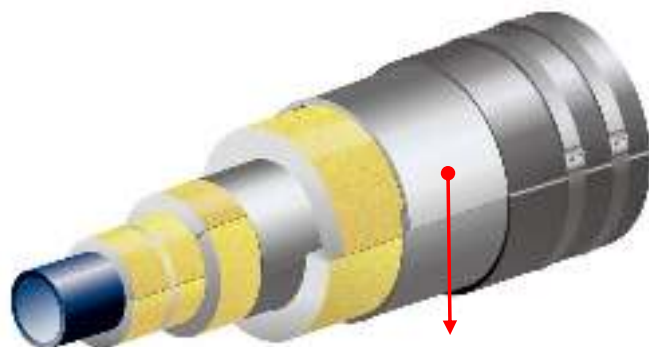


# SHC 700-121/122

BUSEAL® WRAP 12



SHC 700-121/122

## MAIN PURPOSE

- ◇ Primary vapor barrier
- ◇ Excellent resistance to vapor and UV
- ◇ Easy to apply
- ◇ Strong adhesion strength
- ◇ Industrial cold and cryogenic application for LNG tank, pipe and other facilities
- ◇ Commercial building and HVAC industry
- ◇ Not recommended for the areas with heavy loads

SHC 700-121/122 is a self adhesive outer vapor barrier sheet composed of butyl rubber compound laminated to a aluminum and tough Polyester film and a treated peel and stick release liner.

### COLOR

SHC 700-121 : Aluminum-Black  
SHC 700-122 : Aluminum-Gray

### COMPOSITION

Aluminum foil faced Butyl wrap  
; 12 $\mu$ m PET+25 $\mu$ m AL+12 $\mu$ m PET+Butyl Rubber Compound  
(Others available on requests)

### DENSITY

1.50  $\pm$  0.05 g/cm<sup>3</sup>

### DIMENSION

Thickness: 1.2mm  $\pm$ 5%  
Width: 1meter  
Length: 15meter  
(15m<sup>2</sup> Roll)

### SERVICE TEMPERATURE LIMITS

(Temperature at coated surface)  
- 40 ~ 121°C

### WATER VAPOR PERMEANCE (ASTM E 96)

< 0.02 metric perms

### SURFACE BURNING CHARACTERISTICS (ASTM E84)

Class 1 or A

### ADHESION STRENGTH (ASTM D1000)

$\geq$  10 N/cm

### ELONGATION (ASTM D1000)

$\geq$  30%

### TENSILE STRENGTH (ASTM D1000 BREAKING STRENGTH)

$\geq$  60 N/cm

### REMARKS

Store and apply between 0°C and 40°C.

Contains no asbestos, lead, mercury or mercury compounds.

**BUSEAL® WRAP 12** is compatible with most kinds of substrates.

**BUSEAL® WRAP 12** should be applied on clean surfaces free from moisture, foreign materials, oil and any contaminations.

Cut **BUSEAL® WRAP 12** to size, apply and press down firmly, preferably with roller.

Be sure to remove release liner gradually to avoid wrinkling.

This product is a self- adhesive membrane, manufactured by accumulating the special films to prevent permeating of moisture and cut off vapor.

### Preparation for application

- Check the specified size and color.
- Apply only on the pipe lines of which surfaces are dry, clean and oil-free.
- If much of infringing substances lowering adhesion such as dust by reason of material properties are detected on it, clean them with air-gun.
- Check if the applying temperature is above 0 degree C.

### Application Prodecure

- Firstly observe the area to be applied, remove release paper of product and attach to the object.
- For the complete contact, apply the membrane in manner of pressing and stretching it enough not to be folded so as to leave no air inside.
- For the gas tight, overlap every edge of product at least 50mm.
- Monolar Mastic can be applied on the bent part of 45, 90 degree of Pipe, Elbow, Tee, Valve, however if deemed necessary, cut the product fitting to shape of them and apply tightly. Alufilm Tape can be used to reinforce it as a finishing application.

### Suggestions on Application

- Do not apply under 0 degree C.
- Store the lap at 4 ~38 degree C.
- Be aware the workable temperature is -40 ~ 121 degree C.
- Before application, pre-inspection concerning the stability of adhesive property and chemical reaction is recommended.
- Do not apply physical force on the surface of wrap with hand tools to the extent of damage.

