

### Description

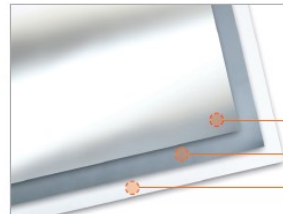
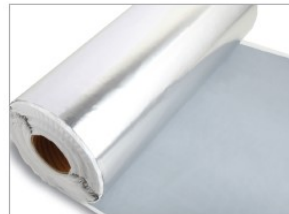
**TIC Bwrap PB210** is a Self-Adhesive Polymer Membrane product which is laminated with a functional film, and protects urethane foam of LNG storage facilities.

**TIC Bwrap PB210** prevents water leakage on the insulation materials under outdoor ambient. Heavy duty performance is suitable to use of water and vapor stop. Especially, **TIC Bwrap PB210** consists of special compound preventing damage of urethane foam when contacting with LNG, thus the adhesion would be maintained below -162 °C.

**TIC Bwrap PB210** does not require drying time, and the single layer's installation meets the specific water & vapor permeance. Consequently, **TIC Bwrap PB210** will help to reduce the construction period and provide an easy application by wrapping.

**TIC Bwrap PB210** will provide various benefits during the application, such a way of easy application and economic & eco-friendly waste disposal.

**TIC Bwrap PB210** is qualified as CLASS A by a flame resistance test standard ASTM E 84, and M1 grade by standard NF P 92-501.



- Functional film
- Compound
- Protective sheet

### Properties

Property	Specification	Test method
Code	PB 210	
Color	Surface: PET(12µm)/Aluminum(25µm)/PET(12µm) Compound: Black	TSTM-01
Use	Vapor Barrier / Water Barrier	
Thickness	1.2 ± 0.1 mm	
Service temperature limits	(Temperature at coated surface) -196 °C ~ 121 °C	TSTM-04
Water vapor permeance	0.00 perms (DFT 1.2 mm)	ASTM E 96
Elongation	≥ 13 %	ASTM D 882
Peeling strength	≥ 20 N/cm	ASTM D 903-98
Resistance to flow	(Vertical/Horizontal) 0 mm at 80 °C	ISO7390:2002E
Surface burning characteristics	Classification: CLASS A Flame spread: 15 (0~25) Smoke developed: 25 (0~450)	ASTM E 84
M classification fire testing	M1 Grade (flame retardant materials)	NF P 92-501

### **Limitations**

Store between 4 °C (40 °F) and 38 °C (100 °F).