

# CHENSIN

## Packing Industry Co. Ltd.

# Product Technical File

**CS** 矽膠泡棉敷料  
Airpore™ Silicone Foam Dressing  
10 x 10 cm 單片裝



Doc . No. : CSAT-2801

Issue Date: 06/28/2012

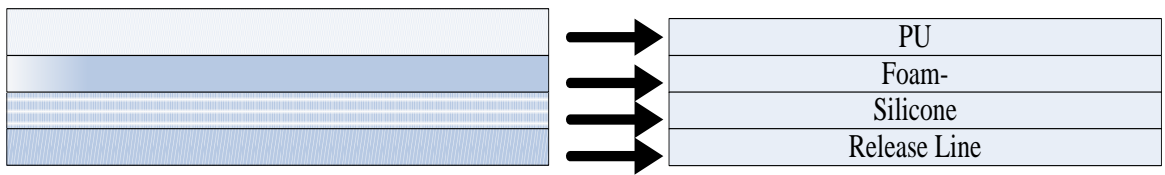
Version: A

# 1. Composition Information

·Backing : PU

·Pressure sensitive adhesive : Silicone Based + Foam

·Paper : Release Liner



## 2. Product Specifications

Items	Unit	Spec Value
Tape Thickness	mm	0.30 – 0.40
Foam Thickness	mm	5.00 ± 0.50
Tape Width	mm	± 3
Tape Length	mm	± 3
Adhesion To Steel	g/25mm	100 ~ 200
Initial Tack	14#/cm	≤ 10
Temperature Range	°C	-10 ~ 40°C
Storage Condition	°C / R.H	25 / 75
Storage Validity	Year	3

### 3. SURGICAL TAPE STANDARD TEST METHOD

Test item : 180°Peeling Strength (Kg/25mm)

1. Testing Equipment : Tensile Strength Machine

2. Testing Procedure :

2-1 1 inch (25.4mm) width of Test sample

2-2 30 cm length of Test sample

2-3 Test sample plastered on the test panel

2-4 Uses 2 kilograms application device to roll in test panel, back and forth respective, the speed is 300mm/min, must does not have air bubble, and waits for 20 minutes

2-5 Extremity of Test sample fixes in Tensile Strength the Machine beginning fixed stand

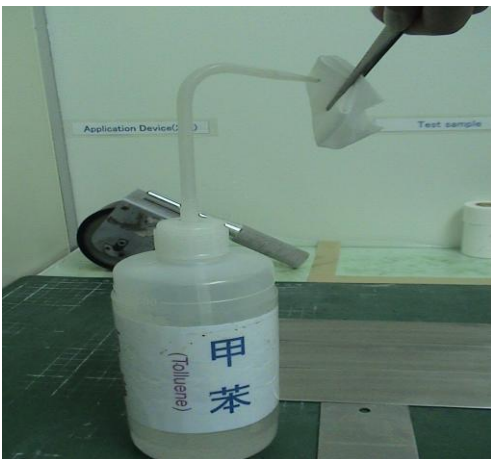
2-6 Fixes of the test sample rear part in the Tensile Strength machine upper extreme fixed stand

2-7 Start Tensile Strength machine, the speed of Tensile Strength machine must control in 300mm/min

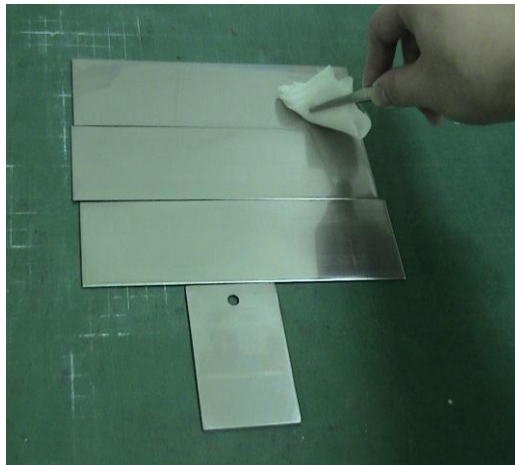
2-8 Record maximum and minimum value and mean value

180°C Peeling Adhesive (kg/25mm) :

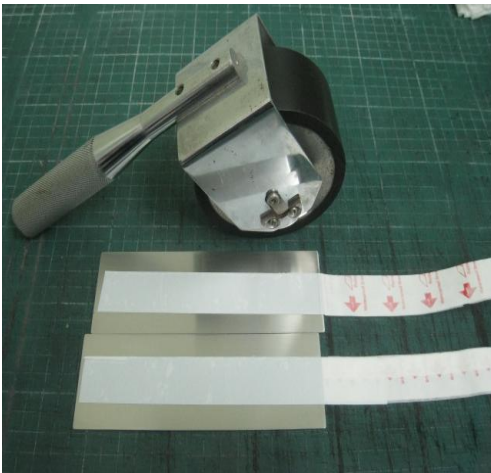
①



②



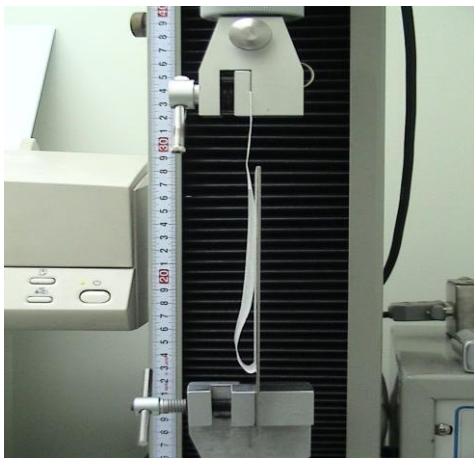
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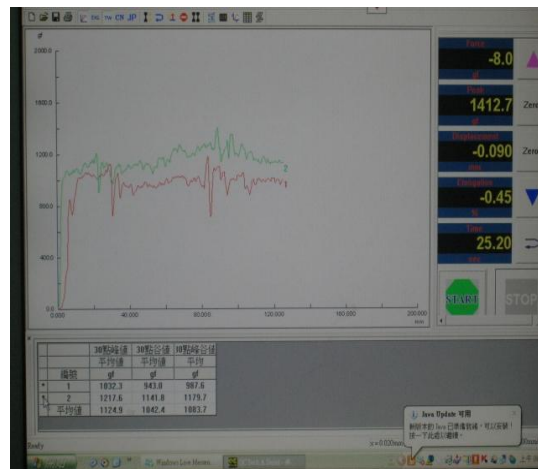
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⑤



⑥



Test item : Initial Adhesion

### 1. Tack Testing Device

1-1 Testing ball foundation

1-2 14# Stainless Ball

### 2. Testing procedure

2-1 1 inch (25.4mm) width of Test sample

2-2 Testing ball foundation to place in Adhesive face

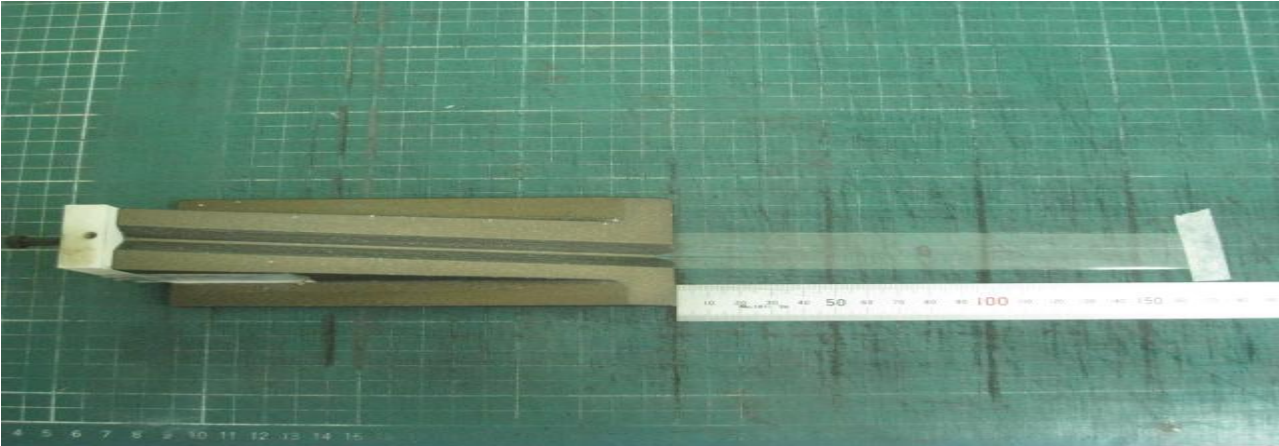
2-3 Test sample to place in rear part of Testing ball foundation

2-4 14# Stainless Ball to place Testing ball foundation and turn the screws magnetic switch, let 14# Stainless ball rolls into sample by Testing ball foundation

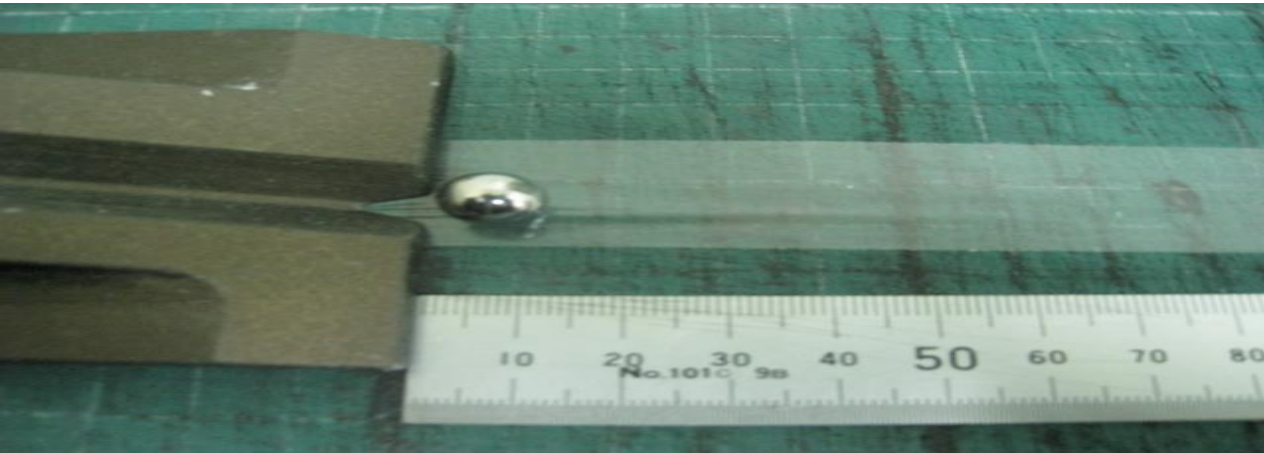
2-5 Surveys stop place of 14# Stainless Ball and Testing ball foundation distance, surveys three times and mean value

Tack (14 ball/cm) :

①



② 7cm



## 4. MSDS



### *Chensin Packing Industry Co., Ltd.*

Revision Date Nov 4, 2012  
Print Date Nov 4, 2012

# **MATERIAL SAFETY DATA SHEET**

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPERATION AND THE COMPANY

**Product Name :** Silicone Foam Dressing

**Chemical Name:** AT-28

**Company Information :** Chensin Packing Industry Co., Ltd. **Emergency:** +886-2-8671-9673

No.7,Lane33,Da Pu Road.,San Hsia Tel: +886-2-8671-9673

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R. O. C. Email: airpore-vic@umail.hinet.net

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical Characterization:** Solvent base Acrylic Vinyl Acetate Copolymer

Hazardous Material	Concentration (%)	Hazardous Classification
PU	5-10	-
Silicone Based	40-45	
Foam	45-50	
Line	10-15	

## 3. HAZARDS IDENTIFICATION

**Health effects:** No.

**Environment effects:** No.

**Physical & Chemical Hazards :** No.

**Special Hazards :** No.

**Main Symptoms:** ---.

**Hazard classification:**

#### 4. FIRST AID MEASURES

- Inhalation:** Can't be inspired
- Skin Contact:** The product is harmless in using correctly.
- Eye Contact:** **If eyes contact the product in incident, it will induce inflamed phenomenon. Please send to the hospital immediately.**
- Ingestion:** **If the product is ate in incident, please vomit it immediately.**

**Main Symptoms and Hazardous Effects:** None

**Personal protection for the first aid person:** None

**Indication for physician:** If has eats by mistake, considered gives urges to spit

#### 5. FIRE-FIGHTING MEASURES

**Extinguish media:** Use alcohol foam, CO2, dry chemical as extinguish media.

**Special hazards may occurred during fire-fighting:** None

**Special fire-fighting procedure:** None

**Protection for fire fighter:** None

#### 6. ACCIDENTAL RELEASE MEASUREMENT

**Personal precautions** None

**Environmental precautions :** None

**Methods for cleaning up :** None

#### 7. HANDLING AND STORAGE

- Handling precautions**
1. The operational site posts non-smoking area slogan.
  2. Keep it away from the spark
  3. The firefight equipments need to be in place nearby the storage area.

**Storage conditions** The storage area must be a cool, dry, good ventilation place without sunlight irradiating perpendicularly.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering control:** There should be a ventilation system in place in all closed rooms



Control factors:						
Hazardous Ingredients	CAS NO.	Exposure Limits			LD <sub>50</sub>	LC50
		TWA	STEL	Ceiling		
AT-28	-	-	-	-		
				-		

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance** Soild , Tape

**Odor** None

**Specific gravity (water=1)** None

**Boiling point (at 760mmHg)** None

**Solubility in water (% by wt.)** None

**Vapor pressure (at 20°C)** None

**Vapor density (air=1)** None

**pH value** None

**Decomposition temp.** None

**Flashing point** None

**Explosion Limited** None

## 10. STABILITY AND REACTIVITY

**Stability** None

**Possible hazards under special condition** -

**Conditions to avoid** None

**Material to avoid** None

**Hazardous decomposition products** None

## 11. TOXICOLOGICAL INFORMATION

**Acute Toxicity:** Inhalation: None

Skin: None

Eyes: None

Ingestion: None

Partial Effect: Irritate to nose

Sensitisation: None

Chronic/Subchronic: None

Special Effects: None

## 12. ECOLOGICAL INFORMATION

## 13. DISPOSAL CONSIDERATIONS

Discard method: 1. Refer to the government related laws and regulations  
2. Using an incinerator.  
3. Burying

## 14. TRANSPORT INFORMATION

International transportation Regulation: Follow this regulation

**Domestic Transportation Regulation:** Road and traffic safety regulation.

**UN number :** None

**Special Transportation and Notice:** None

## 15. REGULATORY INFORMATION

labor safety and hygiene regulation, hazardous and toxicological materials regulation, poison organic solvent precaution regulation, labor work environment's hazards in air permitted concentration standard, road and traffic safety regulation, waste storage and disposal regulation.

## 16. OTHER INFORMATION

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*The information contained in this safety data sheet is the result of the most up-to-date available in our company. The information given in this data sheet does not constitute or replace the user's own assessment of workplace risk as required by other health and safety legislation. The user must ensure that the information is suitable and complete in relation to the specific use of the product*

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## 6. Technical Product Information Sheet

Number	specification	Original material (Roll)				advertence
		Box (Pcs)	Carton (Pcs)	Paper (Pcs)	Start Paper	
28050405	4cm x 5cm	1				
28057575	7.5cm x 7.5cm	1				
28051010	10cm x 10cm	1	-	-	-	
28051030	10cm x 30cm	1				
28051515	15cm x 15cm	1				
28051520	10cm x 20cm	1				
28051818	18cm x 18cm	1				
28052323	23cm x 23cm	1	-	-	-	

## 7. Storage

### condition

- storage environment: -10 ~ 40 °C
- storage lives: 3 years