

# Specification for Approval

緯創料號

**Wistron Part No. : 47.64W15.001**

**Description : RUB HDD TRAY STOPPER HU230**

廠商型號

**Vendor Model No. : L100503ASB**

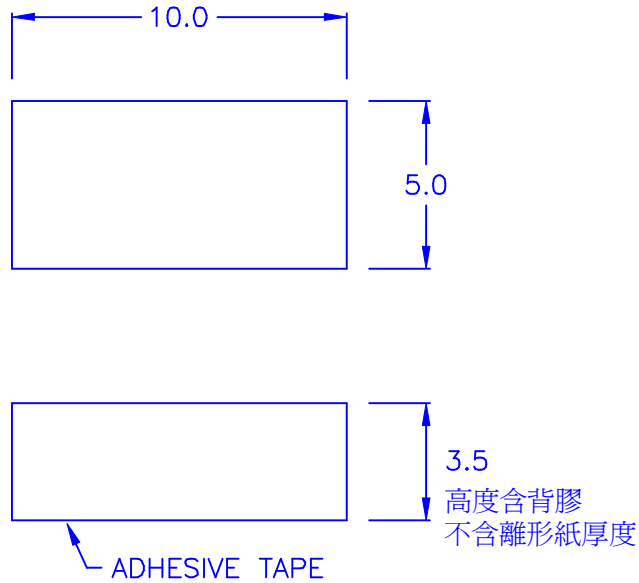
**Description : SILICONE RUBBER FOOT**

**Issued Date : 2012/10/22**

**Approved Date : 2012/10/22**

Approved by (Wistron)	Approved by (vendor)	Prepared by (vendor)
Arge Lin 2012/10/22	黃日升 2012/10/22	谢吉 2012/10/22





◎ 高度不含離形紙厚度

Component - Plastics

E207571

SHENZHEN TIANYU HIGH POLYMER MATERIAL CO LTD

XINGHUA INDUSTRY BLDG 7, 1ST FL, SHEKOU, BLK A & B, SHENZHEN GUANGDONG 518067 CN

TY2961

Silicone Molding Resin (SIR), flame retardant, furnished as plaque

	Min Thk	Flame			RTI	RTI	RTI
Color	(mm)	Class	HWI	HAI	Elec	Imp	Str
BK	1.0	V-0	-	-	150	150	150
	3.0	V-0	-	-	150	150	150

Comparative Tracking Index (CTI): -

Dimensional Stability (%): -

High-Voltage Arc Tracking Rate (HVTR): -

High Volt, Low Current Arc Resis (D495): -

Dielectric Strength (kV/mm): -

Volume Resistivity (10<sup>4</sup> ohm-cm): -



◎Halogen Free

◎ROHS compliant

DRAW NO. PGAS020137

GJS

TOLERANCE:

L<10	±0.3
L≥10	±0.5
ABOVE 80	±1.0

APPROVED BY	Jdy	2012.10.22.
REVIEWED BY	Jaob	2012.10.22.
DRAWN BY	Paggi	2012.10.22.



品固企業股份有限公司  
品基電子(東莞)有限公司  
蘇州品基電子科技有限公司  
鑽隆有限公司  
PINGOOD ENTERPRISE CO.,LTD.

MATERIAL: SILICONE V0 or EQUIVALENT

PART NAME:

COLOR: BLACK

墊座  
SILICONE RUBBER FOOT

A

SIZE

VERSION

1A

ADHESIVE TAPE: 3M (9448) or EQUIVALENT

PART NO:

L100503ASB

SHEET 1 OF 1



UNIT	SCALE
mm	

試片硬度: 55°±5°

## FAI DATA SHEET

[illegible]

Component - Plastics

**E207571**

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<b>BK</b>	<b>1.0</b>	<b>V-0</b>	-	-	<b>150</b>	<b>150</b>	<b>150</b>
	<b>3.0</b>	<b>V-0</b>	-	-	<b>150</b>	<b>150</b>	<b>150</b>

Comparative Tracking Index (CTI): -

Dimensional Stability (%): -

High-Voltage Arc Tracking Rate (HVTR): -

High Volt, Low Current Arc Resis  
(D495): -

Dielectric Strength (kV/mm): -

Volume Resistivity ( $10^x$  ohm-cm) : -

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# *Product Data*

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## Flame-Retardant Silicone Rubber

# TY2961

**TY2961** are dark gray appearance flame-retardant type heat cured compounds for molding.

### MODEL

- ◆ TY2961

### KEY FEATURES

- ◆ Dark gray appearance
- ◆ Formulated to meet UL94 V-0 (thickness:1.0mm) (File No: E207571)
- ◆ Formulated to meet RoHS

### APPLICATIONS

- ◆ Anode caps
- ◆ High-voltage caps

### TYPICAL PROPERTY DATA

ASTM	Property	Unit	Value
	Appearance		Dark gray
D926	Plasticity	mm×100	280
D792	Specific Gravity	g/cm <sup>3</sup>	1.48
D2240	Durometer	Shore A	56
D412	Tensile Strength	MPa	5.0
D412	Elongation	%	250
D624	Tear Strength	kN/m	16
D2632	Bashore Resilience	%	50
IEC60093	Volume resistivity	Ohm.cm	1.6E14
IEC60243	Dielectric strength	kV/mm	22

- ◆ Specification writers: These values are not intended for use in preparing specifications. Please contact your local TIANYU sales representative prior to writing specification on this product.
- ◆ Properties obtained on 2mm thick slabs: Press cured 10 minute at 170℃, 45% active C catalyst, parts, 1.5%.
- ◆ D catalyst: dicumyl peroxide.
- ◆ ASTM: American Society for Testing and Materials

### HANDLING, SAFETY AND STORAGE

- ◆ Product safety information required for safe use is not included. Before handling, read product and safety data sheets and container labels for safe use, physical and health



**Shenzhen Tianyu High Polymer Material Co., Ltd**

**Address:**

**A&B Block 1/F,7 Bldg, Xinghua Industry Bldg,Shekou,Shenzhen,china**

**Tel:**

**(+86755)26672778**

**Fax:**

**(+86755)26684699**

**Website:**

**www.tinyo.com**

**Postcode:**

**518067**

# **Product Data**

## **Flame-Retardant Silicone Rubber**

# **TY2961**

hazard information. The material safety data sheet is available on the TIANYU website at [www.tinyo.com](http://www.tinyo.com). You can also obtain a copy from your local TIANYU sale representative.

◆ When stored at or below 38°C in the original unopened containers, this product has a usable life of 3 months from the data of production.

### **PACKAGING**

◆ 20kg box

Issued 2006-9-6

### **FOR INDUSTRIAL USE ONLY**

It is the responsibility of the user to determine the suitability of any TIANYU High Polymer Material Co., Ltd. Product for any intended application. NEVER USE ANY TIANYU High Polymer Material Co., Ltd. PRODUCT FOR IMPLANTATION OR INJECTION INTO THE HUMAN BODY. Specifications are available by contacting TIANYU High Polymer Material Co., Ltd. Typical property data values should not be used as specification. Inasmuch as TIANYU High Polymer Material Co., Ltd. Has no control over the use to which others may put the material, it does not guarantee that the same results as those described herein will be obtained. Each user of the material should make his own tests to determine the suitability of the material for his own particular use. Statements concerning possible or suggested uses of the material described herein are not to be construed as constituting a license under any TIANYU High Polymer Material Co., Ltd. Patent covering use or as recommendations for use of such material in infringement of any patent. Material Safety Data Sheets are available upon request from TIANYU High Polymer Material Co., Ltd. The contents of this catalog are subject to change without notice. No part of this data may be reproduced without the prior approval of TIANYU High Polymer Material Co., Ltd.



**Shenzhen Tianyu High Polymer Material Co., Ltd**

**Address:**

**A&B Block 1/F,7 Bldg, Xinghua Industry Bldg,Shekou,Shenzhen,china**

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**[www.tinyo.com](http://www.tinyo.com)**

**Page 2/2**

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## Double Coated Tissue Tapes

6408 • 9448

*Technical Data*

*Jul. 2001*

### Product Description:

Product 6408, 9448 double coated tissue tape feature a rayon non-woven cloth carrier for dimensional stability and improved handling with ease of die cutting and laminating.

### Construction:

Product Number	Adhesive <sup>1/</sup> Color/ Tape Thickness	Carrier	Liner Color, Type, Print	Liner Caliper
6408	900A, Off-white, 0.0051" (0.130mm)	Rayon <sup>2</sup> non-woven cloth	White, PE <sup>3</sup> polycoated paper, 3M logo print in light grey color	0.0043" (0.110mm)
9448HK	900A, Translucent, 0.0059" (0.150mm)	Rayon non-woven cloth Black/translucent in color	White, PE polycoated paper, 3M logo print in light grey color	0.0051" (0.130mm)
9448S	900A, Translucent, 0.0059" (0.150mm)	Rayon non-woven cloth Black/translucent in color	White, PE polycoated paper, 3M logo print in light grey color	0.0043" <sup>4</sup> (0.110mm)

Note 1: 900A Pressure Sensitive Acrylic Adhesive (Cross-linked, tackified) provides excellent initial tack and adhesion to a wide variety surface including many low surface energy plastics.

Note 2: Rayon (synthetic fiber)

Note 3: PE (Polyethylene)

Note 4: There is thicker liner option (0.150mm in thick) and also double liner option: first liner is 0.150mm, the second liner is 0.120mm thick



## Feature

1. 6408, 9448 feature a soft acrylic pressure sensitive adhesive system. The key characteristics of this adhesive include a combination of high initial adhesion and good shear and holding power to a wide variety of materials, including many plastics.
2. 6408, 9448 feature controlled adhesive flow into open cell foam and controlled caliper for bond to application surface.
3. For foam laminating, it provides excellent foam stability to reduce stretching and allows to more precise alignment during application.

## Typical Physical Properties and Performance Characteristics

Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

Product Number	6408	9448HK	9448S
<b>Adhesion to stainless steel</b> ASTM D3330 –180 degree, 2 mil Al foil at 22°C, 50%RH 20 minute RT 72 Hour RT	g/25.4mm  2040 2110	g/25.4mm  2150 2230	g/25.4mm  2250 2350
<b>Adhesion to ABS</b> ASTM D3330 –180 degree, 2 mil Al foil at 22°C, 50%RH 20 minute RT 72 Hour RT	  1620 2370	  1840 2540	  1950 2680
<b>Adhesion to PC</b> ASTM D3330 –180 degree, 2 mil Al foil at 22°C, 50%RH 20 minute RT 72 Hour RT	  2690 3326	  2800 3340	  2920 3510
<b>Adhesion to PP</b> ASTM D3330 –180 degree, 2 mil Al foil at 22°C, 50%RH 20 minute RT 72 Hour RT	  1600 2130	  1710 2140	  1650 2100

<b>Shear strength</b> ASTM D3654 modified 0.5 inch <sup>2</sup> sample size at 22°C 1000 grams		10000 mins	10000 mins	10000 mins
<b>Relative High temperature Operating Ranges</b>				
Long Term (days, weeks)			80°C	80°C
Short Term (minutes, hours)			120°C	120°C
<b>Shelf Life</b> 12 months from date of receipt by customer when stored in original carton at 22 °C and 50% relative humidity				

**Available Sizes:** Roll length, width, slitting tolerance, core size.

<b>Available Lengths</b>	50 M
<b>Available Widths</b>	1200 mm

#### **Application Techniques:**

Bond strength is dependent upon the amount of adhesive-to-surface contact developed. Firm application pressure helps develop better adhesive contact and improves bond strength.

To obtain optimum adhesion, the bonding surfaces must be clean, dry and well unified. Some typical surface cleaning solvents are isopropyl alcohol or heptane.  
Note: Carefully read and follow the manufacturer's precautions and directions for use when working with solvents.

Ideal tape application temperature range is 70° F to 100° F (21° C to 38° C). Initial tape application to surfaces at temperatures below 50° F (10° C) is not recommended because the adhesive becomes too firm to adhere readily. However, once properly applied, low temperature holding is generally satisfactory.

#### **General Information**

Tape 6408, 9448 has a tissue carrier, which can add dimensional stability to foams and other substrates. The carrier also provides easier handling during slitting and die-cutting.

## **Application Ideas**

- 6408, 9448 tapes are specially formulated for many indoor high performance purpose mounting and joining applications, including bonding to Polyethylene, Polypropylene and many other Plastics, where moderate temperature and shear performance are required.
- 6408, 9448 tapes are formulated for more demanding indoor and moderate outdoor high performance mounting and joining application.
- Application ideas for these tapes include
  - Wire and Cable Clips
  - Appliance, Case for display and Electronics Equipment Term
  - Interior under sheet for car
  - Paper splicing
  - Foam
  - Plastics Hooks, Racks and Dispensers
  - Sign, Nameplates and Plaques
  - Appliques
  - Gasket attachment in mobile phones and pagers.

## **Important Notice**

3M MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. User is responsible for determining whether the 3M product is fit for a particular purpose and suitable for user's method of application. Please remember that many factors can affect the use and performance of a 3M product in a particular application. The materials to be bonded with the product, the surface preparation of those materials, the product selected for use, the conditions in which the product is used, and the time and environmental conditions in which the product is expected to perform are among the many factors that can affect the use and performance of a 3M product. Given the variety of factors that can affect the use and performance of a 3M product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for the user's method of application.

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