



# 興業塑膠五金製品廠

## Hings Plastic & Metal Products Mfy.

**HINGS**<sup>®</sup>  
Elastomer  
Systems



Tel : ( 852 ) 2669 1939 E-mail : hingsmpm@hings.hk Fax : ( 852 ) 2669 1792

Plastic Wood Sealing Gasket Rubber Guard Rubber Tactile Safety Mat Expansion Joint

### Properties of Hings EVA GT-4000 Adhesive Tapes, Spacer Tapes and Bond Breaker Tapes

Color	Black / Grey / White
Density	30kg / M <sup>3</sup>
Hardness	35° ±5° durometer shore A
Working Temperature	-20°C +100°C
Heat Insulation	0.55W/ (M <sup>2</sup> K)
Elongation	110% ± 20%
Heating aging 100°C, 70 hours Change in hardness	-2°A
Stain to Paint	No
Compatibility with Silicone Sealant	Compatible
UV resistance	Excellent

\* Hings EVA GT-4000 Adhesive tapes, Spacer tapes and Bond Breaker tapes are tested to be compatible with Polycarbonate Sheet & all grades of Silicone Sealant including Dow-Corning, Wacker , Sika and GE for both structural and non-structural sealing.



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2/F., Hings Building, 594 Reclamation St., Mongkok, Kln., H.K.  
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## Properties of Pressure Sensitive Adhesive for HINGS-EVA-GT4000 Adhesive Tape

Specification for Acrylic acid emulsion pressure sensitive adhesive

Model and composition : T11 Acrylic acid emulsion pressure sensitive adhesive :

Specifications :

- \* Apperance : milk white emulsion
- \* Solid content : 55±1%
- \* Viscosity : not less than 250cps (NDJ-1 viscometer, #1 mixer, 25°C)
- \* Initial adhesion : not less than #14 steel ball (according to GB4852)
- \* Peeling strength at 180° : not less than 6.5N/25mm (according to GB2792)
- \* Duration of adhesion : not less than 360 minutes (according to GB4851)

Test condition : 23±2°C, 60±5% RH



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Plastic Wood Sealing Gasket Rubber Guard Rubber Tactile Safety Mat Expansion Joint

To Whom it may concern

## HINGS EVA Double side Adhesive tape

### Application Guide

Hings EVA tape is a cellular semi-rigid closed cell material substrate with a pressure sensitive adhesive on two sides. Handling with care must be necessary and avoid with water and oil at anytime.

#### A. Factory application procedure

1. Contact surfaces must be thoroughly cleaned.
2. Tear-off the EVA tape's protective paper carefully, mounting surface and press the tape down securely. Don't touch the adhesive surface.
3. Make sure product is in contact with all surfaces and correct position. If unit is misaligned, remove the tape and replace for new one.
4. With contact to glass or aluminium, make sure all surfaces must be dried and clean, otherwise, clean it with xylol and thoroughly dried.
5. With best performance, all mounting surfaces should be flat, smooth and dry, without ribs or corrugation and parallel to one another.

#### B. Site application procedure

1. In order to develop adhesion the surfaces should be dry, free from dirt, dust or other contaminants, oil is prohibited on mounting surface.
2. Clean the surfaces with a cleaning solvent such as alcohol, acetone, trichloroethane or xylol.
3. Make sure no water and oil on mounting surfaces, paid attention to the application of the tape to ensure that complete contact of the surfaces is made, apply pressure to ensure the tape is fully ahead to material.
4. Do not remove the liner from the tape until ready to secure the second side. Once the tape is in place, apply pressure to ensure contact.

All the Hing's EVA double adhesive tapes tested to be compatible with Structural Sealant.



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*Plastic Wood Sealing Gasket Rubber Guard Rubber Tactile Safety Mat Expansion Joint*

To whom it may concern

Date : 10 Aug., 2010

### Re.: HINGS EVA Foamed Sheet

We notify that the above products are manufactured from Hings Plastic & Metal Products Mfy. and tested to be compatible with all silicone sealant.

Application : Glazing, sealing and isolating.  
Material : Foamed Ethylene-Vinyl Acetat (EVA) Rubber  
Ingredient : Neutral  
Color : Black, Grey, White  
Brand : HINGS GASKET  
Origin : China  
Warranty : 10 years product life  
Specification : ASTM C509, RoHS, EN71

Best Regards.



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# 测试报告

编号: GC061104033

日期: 2006年11月15日 页码 1 of 3

佛山市顺德区兴业塑胶五金制品有限公司(佛山市顺德区兴健塑料五金制品有限公司)  
佛山市顺德区勒流镇富裕管理区龙冲路5号

本报告是基于所提供的名称为“EVA 板材”的样品所做的测试  
客户参考信息: 颜色: 黑色; 样品编号: 061130

SGS 参考编号 : GZ0611167436/CHEM  
收板日期 : 2006年11月09日  
测试日期 : 2006年11月09日至2006年11月15日

测试要求 : 按照 RoHS 指令 2002/95/EC 及其修订文件要求进行测试。

测试方法 : 参照 IEC 62321 Ed.1 111/54/CDV 电子电器产品中限用物质含量的测定程序  
(1) 用 ICP 测定镉的含量  
(2) 用 ICP 测定铅的含量  
(3) 用 ICP 测定汞的含量  
(4) 用比色法测定六价铬的含量  
(5) 用 GC-MS 测定 PBBs(多溴联苯)和 PBDEs(多溴联苯醚)的含量

测试结果 : 请参见下一页

测试结论 : 基于所送样品进行的测试, 测试结果与欧盟 RoHS 指令 2002/95/EC 以及后续修正指令的要求相符。

Signed for and on behalf of  
SGS-CSTC Ltd.

May Huo  
Engineer

备注: 根据客户申请, SGS 出具了此中文报告; 英文版本可根据客户要求提供。(The Chinese test report is issued according to the applicant's request. The English version is available from SGS if further needed).

This Test Report is issued by the Company subject to its General Conditions of Service printed overleaf or attached. Said Conditions are also available upon request or are accessible at [www.sgs.com](http://www.sgs.com). Attention is drawn to the limitations of liability, indemnification and jurisdictional policies defined therein. The results shown in this Test Report refer only to the sample(s) tested unless otherwise stated and such sample(s) are retained for 90 days only. This Test Report shall not be reproduced except in full, without written approval of the Company.



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GZML 032363

测试结果 (单位: 毫克/千克):

测试项目	参考方法	No.1	MDL	RoHS 限值
镉 (Cd)	(1)	N.D.	2	100
铅 (Pb)	(2)	24	2	1000
汞 (Hg)	(3)	N.D.	2	1000
碱性溶液萃取测六价铬 (Cr VI)	(4)	N.D.	2	1000
多溴联苯 (PBBs) 之和	(5)	N.D.	-	1000
单溴联苯		N.D.	5	
二溴联苯		N.D.	5	
三溴联苯		N.D.	5	
四溴联苯		N.D.	5	
五溴联苯		N.D.	5	
六溴联苯		N.D.	5	
七溴联苯		N.D.	5	
八溴联苯		N.D.	5	
九溴联苯		N.D.	5	
十溴联苯		N.D.	5	
多溴联苯醚 (PBDEs) 之和 (单溴联苯醚-九溴联苯醚) (参见注释 4)		N.D.	-	1000
单溴联苯醚		N.D.	5	
二溴联苯醚		N.D.	5	
三溴联苯醚	N.D.	5		
四溴联苯醚	N.D.	5		
五溴联苯醚	N.D.	5		
六溴联苯醚	N.D.	5		
七溴联苯醚	N.D.	5		
八溴联苯醚	N.D.	5		
九溴联苯醚	N.D.	5		
十溴联苯醚	N.D.	5		
多溴联苯醚 (PBDEs) 之和 (单溴联苯醚-十溴联苯醚)	N.D.	-	-	

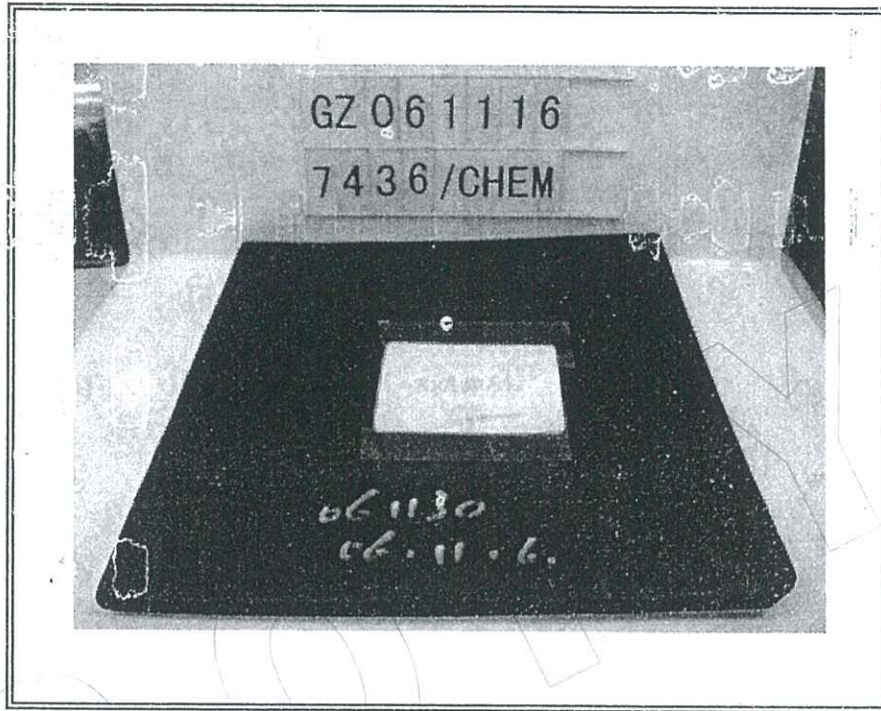
测试部件描述:  
No.1 黑色片状物

- 注释: (1) 毫克/千克 = ppm  
 (2) N.D. = 未检出 (< MDL)  
 (3) MDL = 方法检测限  
 (4) 一溴联苯醚到九溴联苯醚之和。按照 2005/717/EC 十溴联苯醚可豁免。  
 (5) "-" = 未规定

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样品照片:



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\*\*\* 报告完 \*\*\*

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### Job Reference for Hings EVA (GT-4000) Foamed Adhesive Tape for Curtain Wall Works

1. Hang Lung Centre, Causeway Bay, Hong Kong  
O & T Contracting Co., Ltd.
2. C304 North West Concourse, Chep Lap Kok  
Collections Interior Ltd.
3. 230-238 Nathan Road, Kowloon  
Success Fine Development Ltd.
4. Area 36A Siu Lek Yuen, Shatin, N.T.  
ACME Metal Works (Int'l) Ltd.
5. No. 474 Nathan Road, Kowloon  
Waltech Pacific (Eng.) Ltd.
6. Water Works Department, Kwun Tong  
Lucking (Asia) Engineering Co., Ltd.
7. Wing On Centre, Nathan Road, Kowloon  
Lucking (Asia) Engineering Co., Ltd.
8. Metro- Plaza, Phase 2, Tseung Kwan O  
Bonding Engineering Co., Ltd.
9. No 1-3 Chatham Road, T.S.T.  
Universal Aluminium Co., Ltd.
10. Cathay Pacific Bldg., Chek Lap Kok  
Bill Kwong Universal Int'l Eng. Co., Ltd.
11. Tin Shui Wai Area 110, Phase 2  
Tak Cheong (Yau Kee) Eng. Ltd.
12. Tai Kok Tsui Site B  
KPA Engineering Ltd.
13. Tseung Kwan O Area 74, Phase 1  
Stepwise Aluminium Cladding Ltd.
14. Hong Kong University  
Rinaldi Structural Ltd.



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### Job Reference for Hings EVA (GT-4000) Foamed Adhesive Tape for Curtain Wall Works

15. No.21 D' Aguilar Street, Central, Hong Kong  
 O & T Contracting Co., Ltd.
16. 21-35 Black's Link, Hong Kong  
 O & T Contracting Co., Ltd.
17. Upper Wong Tai Sin Estate, Phase IV  
 O & T Contracting Co., Ltd.
18. Science Park, Pak Shek Kok, Phase 1a  
 Far East Aluminium Works Co., Ltd.
19. KCRC - Contract A & B (Hotel & Podium)  
 Far East Aluminium Works Co., Ltd.
20. Time Square  
 Far East Aluminium Works Co., Ltd.
21. Tai Po Complex at Area 1  
 Millennium Engineering Ltd.
22. Yan Fook Church, Cheung Sha Wan  
 Millennium Engineering Ltd.
23. 41D Stubbs Road, Hong Kong  
 Millennium Engineering Ltd.
24. Hong Kong Station  
 G & M Engineering Co., Ltd.
25. West Rail CC-202 Yuen Long & Long Ping Station  
 G & M Engineering Co., Ltd.
26. Leighton Hill, Hong Kong  
 KPA Engineering Ltd.
27. 759-761 Nathan Road, Kowloon  
 PMB - Cyberwall Ltd.
28. KCRC West Rail - 604  
 Bonding Steel Structural Engineering Ltd.



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## Job Reference for Hings EVA (GT-4000) Foamed Adhesive Tape for Curtain Wall Works

29. KCRC West Rail Tuen Mun  
S. M. Engineering Ltd.
30. URA Redevelopment Scheme K2, Site A  
Far East Aluminium Works Co., Ltd.
31. KCRC CC230 Light Rail Traffic Office  
G & M Engineering Co., Ltd.
32. SSK 342 Primary School, San Po Kong, Kowloon  
G & M Engineering Co., Ltd.
33. Choi Ming Court, Tseung Kwan O  
Eastern Growing Engineering Co., Ltd.
34. Eastern Hospital  
KPA Engineering Ltd.
35. Union Square  
United Reliance Corporation Ltd.
36. Crown Macau  
PMB - Cyberwall Ltd.
37. Liu Chong Hing Bank Bulding, Central  
Josef Gartner & Co. (H.K.) Ltd.
38. Tung Chung 5A  
KPA Engineering Ltd.
39. MTRC Tsing Yi Station  
Industrial Accoustics Co., H.K. Ltd.
40. Peking Road / Hankow Road  
Well Concord Design & Engineering Ltd.



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# Hings EVA Spacer Tapes

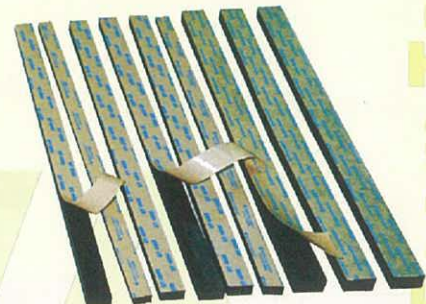
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## HINGS®

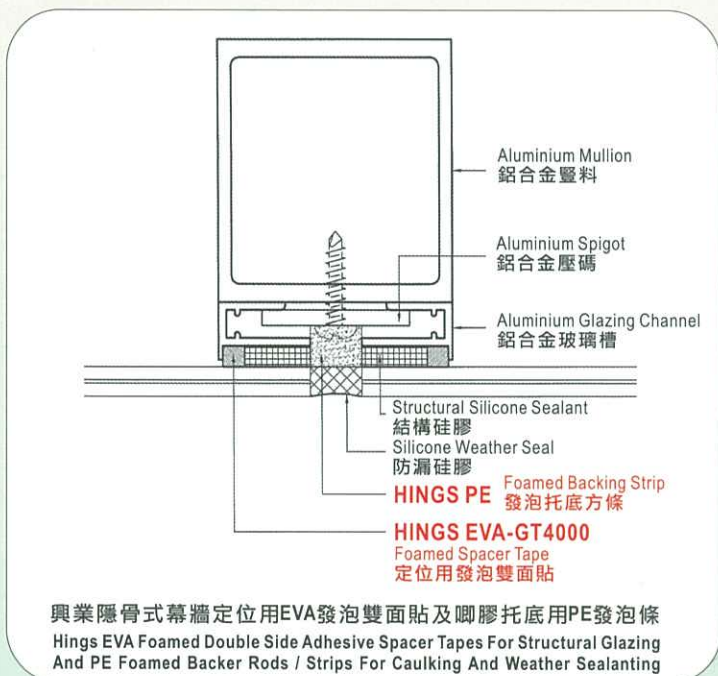
### EVA GT4000 Adhesive Foam Tapes Spacer Tapes/Bond Breaker Tapes



Hings product of excellent, made of special formulated Ethylene Vinyl Acetate (EVA) with good dimensional stability, highly resistant to weathering and ultra-violet rays, and the most important, is tested to be compatible with all grades of silicone sealant, can be used as permanent spacer tapes for structural glazing of curtain wall systems.

#### ALL SIZE AVAILABLE

Color : Black / White / Grey



#### Properties of Hings EVA-GT4000 Foamed Spacer Tape / Bond Breaker Tape

- Density : 30kg/m<sup>3</sup>
- Hardness : 35±5A
- Elongation : 110%
- Tensile strength : 3.8kg/cm<sup>2</sup>
- Working Temperature : -20° ~ +100°C
- Heat Insulation : 0.55W/(M<sup>2</sup>K)
- UV Resistance : Excellent
- Compatible with silicone sealant

#### Hong Kong Job References

- Hong Kong International Airport
- Water Works Department, Kwung Tong.
- Wing On Centre, Nathan Road, Kln.
- Science Park, Pak Shek Kok phase IA.
- KCRC West Rail, Tuen Mun.
- Times Square, Causeway Bay.
- Cathay Pacific Bldg., Chek Lap Kok.
- Tin Shui Wai Area 110, Phase 2

#### China Job References

中國工程記錄

- 北京莊勝廣場
- 上海開開廣場
- 上海中環廣場
- 廣州美國銀行中心
- 桂林漓江飯店
- 深圳京廣中心
- 深圳賽格廣場
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若有任何查詢,請聯絡連發興先生或親臨香港九龍旺角新填地街 592-594 號門市

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