



Material & Engineering Laboratory-Taipei

TEST REPORT



REPORT NO. : HV-14-00673XA

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REPORT DATE : Feb. 21, 2014

JER YEU INDUSTRIAL CO., LTD.

NO.367, SEC.3, ZHONGSHAN RD., TANZI DIST., TAICHUNG CITY, TAIWAN

The following merchandise was submitted and identified by the vendor as :

Style/Item No. : J 4-1 SILICONE 2PLY HOSE

Country of Origin : Taiwan

We have tested the submitted sample(s) as requested and the following results were obtained :

Test Required : (According to client's test specification, please see following sheets in detail.)

20 mm Vertical Burning Test

Test Result :

-PLEASE SEE ATTACHED SHEETS-

Date of Receive : FEBRUARY 12, 2014

Date of Testing : FEBRUARY 12, 2014 ~ FEBRUARY 21, 2014


Signed for and on behalf of
SGS Taiwan Ltd.

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20 mm Vertical Burning Test

Test Equipment :

Name	Brand	Model
150mm Dial Calipers	Mitutoyo	505-681
Horizon Vertical Flame Chamber	ATLAS	HVUL2

Lab Environmental Conditions :

Ambient temperature : 23±2°C
Relative humidity : 50±5%RH

Test Method :

Refer. to UL94 (1996) Test for Flammability of Plastic Materials for Parts in Devices and Appliances

Test Condition :

Conditioning 1 : Specimens are to be preconditioned at 23±2°C and 50±5% percent relative humidity for 48 hours
Conditioning 2 : Specimens are to be preconditioned in an air-circulating oven for 168 hours at 70±1°C and then cooled in the desiccator for at least 4 hours at room temperature

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Test Data :

Conditioning 1(Temperature 23±2°C, Relative humidity 50±5%, 48 hours)

Criteria conditions	Specimen					Requirements		
	1	2	3	4	5	V-0	V-1	V-2
Thickness(mm)	0.74	0.85	0.82	0.78	0.89	-	-	-
Afterflame time for each individual specimen t1(Sec)	18.0	17.5	12.8	17.6	16.8	≤10	≤30	≤30
Afterflame time for each individual specimen t2(Sec)	3.2	0	0	1.2	0	≤10	≤30	≤30
Total afterflame time (Sec) (t1 plus t2 for the 5 specimens)	87.1							
Afterflame plus afterglow time for each individual specimen after the second flame application(t2+t3) (Sec)	3.2	0	0	1.2	0	≤30	≤60	≤60
Afterflame or afterglow of any specimen up to the holding clamp	No	No	No	No	No	No	No	No
Cotton indicator ignited by flaming particles or drops	No	No	No	No	No	No	No	Yes

Conditioning 2(Temperature 70±1°C, 168 hours, Cooled 4 hours at room temperature)

Criteria conditions	Specimen					Requirements		
	1	2	3	4	5	V-0	V-1	V-2
Thickness(mm)	0.82	0.81	0.86	0.78	0.75	-	-	-
Afterflame time for each individual specimen t1(Sec)	17.5	15.6	16.7	12.2	9.8	≤10	≤30	≤30
Afterflame time for each individual specimen t2(Sec)	0	0	0	0	0	≤10	≤30	≤30
Total afterflame time (Sec) (t1 plus t2 for the 5 specimens)	71.8							
Afterflame plus afterglow time for each individual specimen after the second flame application(t2+t3) (Sec)	0	0	0	0	0	≤30	≤60	≤60
Afterflame or afterglow of any specimen up to the holding clamp	No	No	No	No	No	No	No	No
Cotton indicator ignited by flaming particles or drops	No	No	No	No	No	No	No	Yes

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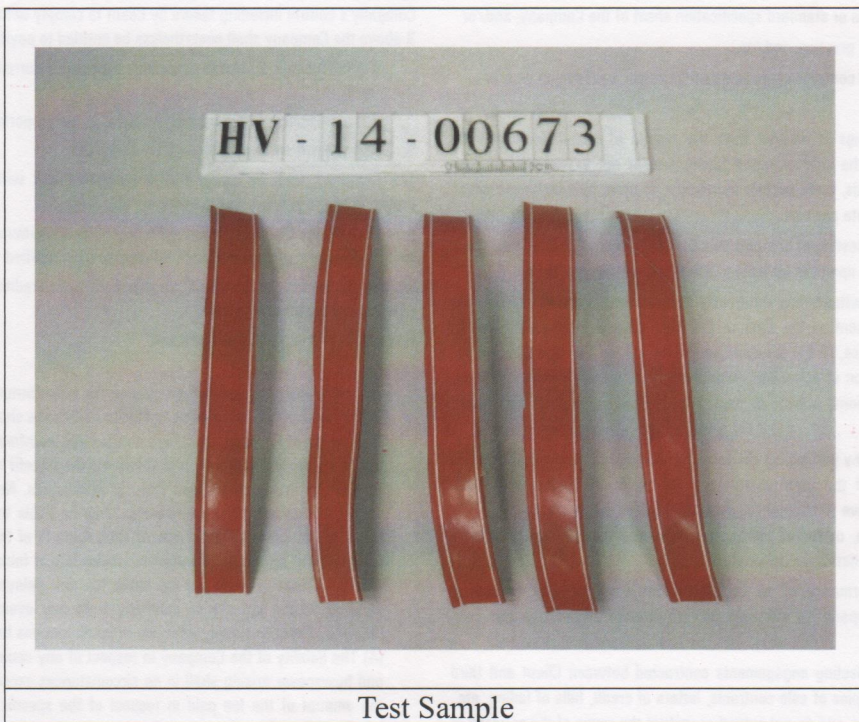


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Test Photo :



Test Sample

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TWB 0955794

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