

TEST REPORT



REPORT NO. TV-17-00636A

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DATE Mar. 23, 2017

Applicant JER YEU INDUSTRIAL CO., LTD.
 Address No. 367, Sec. 3, Zhongshan Rd., Tanzi Dist, Taichung City, 42749 Taiwan
 Product Description SILICONE 2 PLY HOSE
 Product Type J 4-1
 Product Color RED
 Manufacturer JER YEU INDUSTRIAL CO., LTD.
 Supplier JER YEU INDUSTRIAL CO., LTD.
 Product Submitted By JER YEU INDUSTRIAL CO., LTD.
 Received Date Feb. 23, 2017
 Tested Date Feb. 23, 2017~Mar. 23, 2017
 Remark The information mentioned in the above section is provided by Client
 (Exclude Date of Sample Received and Date of Testing)

Test Item :

Flammability Test

Test Method :

Ref. UL94 (2013) Test for Flammability of Plastic Materials for Parts in Devices and Appliances

Test Result :

- PLEASE SEE ATTACHED SHEETS -

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The required specification(s) offered in this test report is/are for reference only.
 The conformity judgment is at the Applicant's final verdict.

Signed for and on behalf of
 SGS TAIWAN Ltd.

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Test Apparatus :

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

Test Result :

Conditioning 1 : (23±2°C and 50±5% R.H for 48 hours) :

Criteria conditions	Specimen					Requirements		
	1	2	3	4	5	V-0	V-1	V-2
Thickness(mm)	0.68	0.67	0.68	0.68	0.69	-	-	-
After flame time for each individual specimen t ₁ (sec)	13.0	11.2	12.5	7.6	6.4	≤ 10sec	≤ 30sec	≤ 30sec
After flame time for each individual specimen t ₂ (sec)	0	0	0	1.9	2.0	≤ 10sec	≤ 30sec	≤ 30sec
Total after flame time(t ₁ plus t ₂ for the 5 specimens) (sec)	54.6					≤ 50sec	≤ 250sec	≤ 250sec
After flame plus afterglow time for each individual specimen after the second flame application(t ₂ +t ₃) (sec)	1.3	1.4	1.4	1.9	2.0	≤ 30sec	≤ 60sec	≤ 60sec
After flame 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 : (70±1°C for 168 hours , Cooling 4h at Room temp.) :

Criteria conditions	Specimen					Requirements		
	1	2	3	4	5	V-0	V-1	V-2
Thickness(mm)	0.68	0.68	0.67	0.68	0.68	-	-	-
After flame time for each individual specimen t ₁ (sec)	8.0	11.2	8.6	7.4	12.8	≤ 10sec	≤ 30sec	≤ 30sec
After flame time for each individual specimen t ₂ (sec)	2.4	0	1.2	2.0	0	≤ 10sec	≤ 30sec	≤ 30sec
Total after flame time(t ₁ plus t ₂ for the 5 specimens) (sec)	53.6					≤ 50sec	≤ 250sec	≤ 250sec
After flame plus afterglow time for each individual specimen after the second flame application(t ₂ +t ₃) (sec)	2.4	1.5	1.2	2.0	1.4	≤ 30sec	≤ 60sec	≤ 60sec
After flame 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

Note : 1. Burning test is subcontracted to SGS M&E Laboratory-Taipei.

2. This Test Report is an additional original report of TV-17-00636. Issued date : Mar. 23, 2017.

Result : **The data compliant with V-1 requirements of UL 94 20mm Vertical Burning Test.**

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