Smart Products Service Co.,Ltd
1622 Deying Mansion, No.118 Middle Jiangdong Rd
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☎ +86-25-86583475 firetest
✉ info@fire-test.com www.fire-test.com

Applicant: SILVERFOX CORPORATION LIMITED

Address: No.18, 1st TongLe Road, TangXia Town, Pengjiang District ,JiangMen City, GuangDong Province, China

Testing Sample: PVC A66 leather, Material: PVC, Color: Dark grey

Standard: NF P92-507:2004 & NF P92-503:1995 Buildings material–Reaction to fire – Electrical burner test

Testing Lab: TUV (the lab is accredited by ilac-MRA and ISO 17025:2017, CNAS L6069)

Date of Issue: 2025-05-20

Test Data:

Testing Item	Certificate ID code	Test Results
NF P92-503:1995 Electrical burner test	TC.25.05.001950 (Customer ID code: 4278)	Maximum afterflame time: 105 s Fall of ardent drops or fragment fired: No Average destroyed length: 260 mm Average destroyed width: 0 mm
NF P92-507:2004 Certificate		**Classification: M2**

Certificate search:

1. Click www.fire-test.com (English)
2. Select “Search for Certification”
   a. Fill the Certificate ID Code (TC.25.05.001950) and Customer ID Code (4278)
   b. Fill the Certificate ID Code (TC.25.05.001950) and applicant name (SILVERFOX CORPORATION LIMITED)
3. Submit with confirmation, you may get the search information.

Scan for information
TC.25.05.001950

Value-added services:

WeChat Official Accounts

You can scan the QR code below to follow our WeChat Official/Public Accounts to learn more about the relevant standards and regulations for fire retardant testing of rail transit vehicles or building materials, moreover, and you can also ask for supporting, search for report or certificate information, standards sharing and downloads on the WeChat Official/Public Accounts. Join us!

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NF P92-503 Electric-burner test/ M Classification

Thickness of less than or equal to 5 mm of flexible material testing the testing is performed pursuant to NFP 92-503.

M Classification

M0——Non-combustible material
M1——Difficult to flammable material
M2——Low flammability material
M3——Combustible material
M4——Flammable material

Test method (NF P92-503)

A specimen in placed in a specimen holder at 30° above a radiator which gives out heat(30kW/m²). A small butane flame is applied directly to the fabric surface. The following aspects are recorded:
- Duration of the flame
- Production of burning droplets
- Length/width of the damaged specimen

The classification of flexible materials with a thickness less than or equal to 5mm and flexible filter materials of any thickness in Categories M1 to M4 is determined on the basis of the results of principal test NF P92-503 and any tests in accordance with NF P92-504 and NF P92-505.

Result

The test material is classified M1 to M4.

NF P92-507 Table1—Classification obtained for flexible materials 5 mm thick or less

Method	Classification criterion				
Fusible materials test NF P92-505		Wadding not ignited	Wadding not ignited	Wadding ignited	Wadding ignited
Electric-burner test [a] NF P92-503	No drops	Drops not burning	Burning drops or debris	Drops not burning	Burning drops or debris
Flare-up ≤ 5s	M1	M1	M2	M4	M4
Flare-up>5s and avreage of destroyed lengths<350mm	M2	M2	M3	M4	M4
Flare-up>5s and average of destroyed lengths <90mm between 450mm-600mm	M3	M3	M4	M4	M4
Flame propagation speed test (speed less than 2mm/s)			M4	M4	M4
a) If the material exhibits sepcial behaviour, refer to Table 3 For classification M0, see paragraph 3.3					

NF P92-507 Table3—Classification obtained for particular behaviour

Tests	Classification criterion				
Fusible materials test		Wadding not ignited	Wadding not ignited	Wadding ignited	Wadding ignited
Flame persistence test	No drops	Drops not burning	Burning drops or debris	Drops not burning	Burning drops or debris
No flame persistence>2s	M1	M1	M2	M4	M4
Persistence≤5s	M2	M2	M3	M4	M4
Persistence>5sand propagation speed less than 2mm/s	M3	M3	M4	M4	M4

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Test Report

Report No. TC.25.05.001950

Date of Issue 2025-05-20

Applicant:	SILVERFOX CORPORATION LIMITED
Applicant Address:	No.18, 1st TongLe Road, TangXia Town, Pengjiang District, JiangMen City, GuangDong Province, China
Sample Description:	PVC A66 leather
Material:	PVC
Color:	Dark grey
Receipt Date of Sample:	Received on 2025-05-10
Date of Testing:	From 2025-05-10 to 2025-05-19
Sample Submitted:	The Sample(s) and Its (Their) Information(s) Was (Were) Submitted by Applicant and Identified.
Test Result:	Refer to Next Page.

TÜV SÜD SW Rail Transportation Technology (Jiangsu) Co., Ltd.

Prepared by:

Zheng Rui

_____

Rui Zhang

Approved by:

wayne

_____

Wayne Wang

Note:
(1) Each order is subject to acceptance of our General Terms and Conditions and the TÜV SÜD Testing, Certification, Validation and Verification Regulation, in the version valid at the time the contract is concluded. For full version of above both documents, please visit the link to view.
(2) The results in this report are relevant only to the sample(s) tested.
(3) The test report shall not be reproduced except in full without the written approval of the laboratory.
(4) Disclaimer Measurement Uncertainty:
Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019 or CNAS-GL015:2022.

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Test Report

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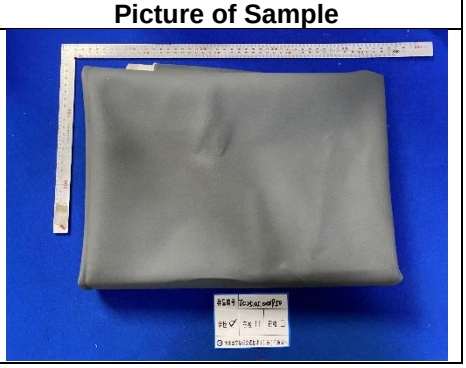
Description of the test subject

Sample	Description	Picture of Sample
001	PVC A66 leather	

Conclusion:

Test Items		Standard	Conclusion
1	Burning Behaviour	NF P92-507:2004	M2

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Industry Development Zone, Wujin, 213015 P.R. China

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Test Results

1. NF P 92-507:2004 Fire safety-building-interior fitting materials - Classification according to their reaction.

1.1 NF P92-503:1995 Safety against fire Building materials – Reaction to fire tests Electrical burner test used for flexible materials

1.1.1 Sample details:

Sample size	600mm×180mm
Thickness	About 1.0 mm

Precondition	Temperature (℃)	Humidity (%)	Duration
	23±2	50±5	Constant mass

1.1.2 Test Results

During the testing, the following details are noted		Sample 1	Sample 2	Sample 3	Sample 4
Hole	(Yes/No)	Yes	Yes	Yes	Yes
Max. afterflame time after withdrawal the pilot flame	(s)	101	92	105	105
Afterglow time	(s)	--	--	--	--
Flaming molten droplets	(Yes/No)	No	No	No	No
Non-flaming molten droplets	(Yes/No)	No	No	No	No
Flaming debris	(Yes/No)	No	No	No	No
Non-flaming debris	(Yes/No)	No	No	No	No
White-hot spots with propagation effects	(Yes/No)	No	No	No	No

After testing, the following details are noted;		Sample 1	Sample 2	Sample 3	Sample 4
Max. destruction length from the lower edge	(cm)	27	25	25	26
Average length	(cm)	26			
Max. width of the destroyed zones between 450mm and 600mm from the test piece lower edge	(cm)	0	0	0	0
Average width	(cm)	0			

Test Report

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1.2 Classification

Test methods	Classification
NF P92-507 NF P92-503	M2

Requirements

Table 1 Resume of classification for flexible materials which thickness no more than 5mm

Test Items	Criteria of classification				
Test for hot melt materials		Not ignite the wadding	Not ignite the wadding	Ignite the wadding	Ignite the wadding
Electrical Burner Test a)	No drops	Non-flaming molten drops	Flaming drops or debris	Non-flaming molten drops	Flaming drops or debris
Inflammation ≤ 5s	M1	M1	M2	M4	M4
Inflammation > 5s and Average destroyed length <350 mm	M2	M2	M3	M4	M4
Inflammation > 5s and Average destroyed width <90 mm between the 450 mm and 600 mm in length	M3	M3	M4	M4	M4
Flame Spread Test (flame spread < 2 mm/s)			M4	M4	M4
[a]) If the materials presented a particular behaviour, the classification also need to refer to Table 3. The details of classification M0 refer to clause 3.3 of NF P 92-507:2004.					

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Test photo

Statement：The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test; they are not intended to the sole criterion for assessing the potential smoke and toxicity hazard of the product in use.

-End of Report-