

TEST REPORT No. : AJFTS25000224R01_EN Date: Jan 21,2025 Page: 1 of 5

Sample Description : Optiprint Banner 510 M1
Style No. : 510gsm 1000D*1000D 18*18

The above sample(s) data and information was / were submitted and identified on behalf of the client. SGS is not responsible for the authenticity, integrity and results of the data and information and / or the validity of the conclusion arising therefrom. Results apply to the sample as received.

SGS Ref. No. : SHHL2501002292FT
Sample Receiving Date : Jan 14,2025
Testing Period : Jan 14,2025 to Jan 20,2025
Test Required : NF P 92-507:2004 Fire safety-building-interior fitting materials-Classification according to their reaction to fire.
Test result(s) : See attached sheet
Conclusion : **Classification: M1**

Note: The classes with their corresponding fire performance are given in Annex I.

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd Anji Branch

zho



Echo Li
Approved signatory



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TEST REPORT No. : AJFTS25000224R01_EN Date: Jan 21,2025 Page: 2 of 5

I. Test conducted

This test was conducted according to NF P 92-507:2004 Fire safety - building-interior fitting materials - Classification according to their reaction, and the test methods as following:

1. NF P 92-503:1995 Safety against fire - Building materials - Reaction to fire tests Electrical burner test used for flexible materials.
2. NF P 92-504:1995 Safety against fire - Building materials - Reaction to fire tests - Flame persistence test and speed of the spread of flame.

II. Sample details

Sample description	PVC
Color	White
Area density	About 514 g/m ²
Specimen size	600 mm × 180 mm (NF P 92-503) 460 mm × 230 mm (NF P 92-504)

III. Conditioning

Prior to testing, the sample was conditioned in an atmosphere having a temperature of 23±2°C and a relative humidity of 50±5% for 7 days or until constant mass is obtained.

IV. Test results

i) NF P 92-503:1995 Electrical burner test

Back, Length

During the testing, the following details are noted	1	2	3	4	Average
Hole (Yes/No)	Yes	Yes	Yes	Yes	
Applied time (s)	20	45	45	45	
Max. afterflame time after withdrawal the pilot flame (s)	3	2	2	3	2.5
Afterglow time (s)	0	0	0	0	0
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	



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TEST REPORT No. : AJFTS25000224R01_EN Date: Jan 21,2025 Page: 3 of 5

After testing, the following details are noted	1	2	3	4
Max. destruction length from the lower edge (mm)	83	79	85	77
Average destruction length (mm)	81			
Max. width of the destroyed zones between 450mm and 600mm from the test piece lower edge (mm)	0	0	0	0
Average destroyed width (mm)	0			

ii) NF P 92-504:1995 Flame persistence test

Back, Length

Ignition time	After-flame time (s)	Flaming Drops (Yes/No)	Non-flaming Drops (Yes/No)	Ignition times	After-flame time (s)	Flaming Drops (Yes/No)	Non-flaming Drops (Yes/No)
1	0	No	No	16	0	No	No
2	0	No	No	17	0	No	No
3	0	No	No	18	0	No	No
4	0	No	No	19	0	No	No
5	0	No	No	20	0	No	No
6	0	No	No	21	0	No	No
7	0	No	No	22	0	No	No
8	0	No	No	23	0	No	No
9	0	No	No	24	0	No	No
10	0	No	No	25	0	No	No
11	0	No	No	26	0	No	No
12	0	No	No	27	0	No	No
13	0	No	No	28	0	No	No
14	0	No	No	29	0	No	No
15	0	No	No	30	0	No	No

Number of tested specimens: 4



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TEST REPORT No. : AJFTS25000224R01_EN Date: Jan 21,2025 Page: 4 of 5

Annex I, Requirements

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

Test Items	Criteria of classification				
<u>Test for hot melt materials</u>		Not ignite the wadding	Not ignite the wadding	Ignite the wadding	Ignite the wadding
<u>Electrical Burner Test</u> ^{a)}	No drops	Non-flaming molten droplets	Flaming drops or debris	Non-flaming molten droplets	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
<u>Flame Spread Test</u> (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.

Table 3 Resume of classification for the materials presented a particular behaviour

Test Items	Criteria of classification				
<u>Test for hot melt materials</u>		Not ignite the wadding	Not ignite the wadding	Ignite the wadding	Ignite the wadding
<u>Flame Persistence Test</u>	No drops	Non-flaming molten drops	Flaming drops or debris	Non-flaming molten drops	Flaming drops or debris
Flame persistence time≤2s	M1	M1	M2	M4	M4
Flame persistence time≤5s	M2	M2	M3	M4	M4
Flame persistence time >5s and Flame Spread <2 mm/s	M3	M3	M4	M4	M4



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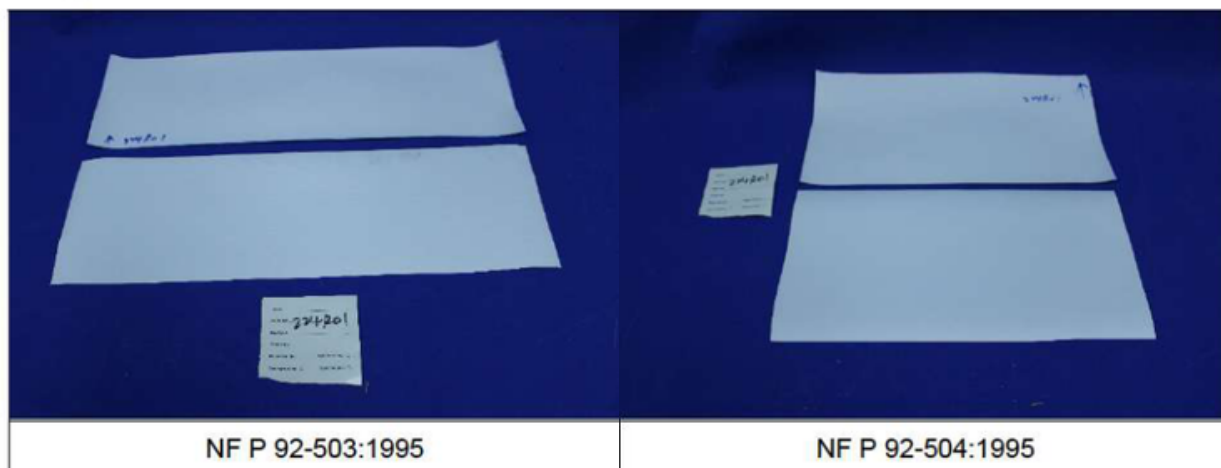
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TEST REPORT No. : AJFTS25000224R01_EN Date: Jan 21,2025 Page: 5 of 5

Statement: This declaration of conformity is only based on the result of this laboratory activity, the impact of the uncertainty of the results was not included.

Photo Appendix:



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End of Report



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