



中国认可
国际互认
检测
TESTING
CNAS L11226

Cert. No.: ZheHongJianZi 2023193

Bulletproof Material Testing Center
Zhejiang Red Flag Machinery Co., Ltd.

Test Report

Client NINGXIA NORTH-FLK TECHNOLOGY CO.,LTD
Address of client 10 Hongsheng East Road,Nuanquan Industrial Park
Helan,Town,Yinchuan City,China
Name of sample Ballistic Plate
Model/Specification 250×300mm
Sample receiving date March 9, 2023
Sample testing date March 9, 2023



Approved by 王物石

Checked by 沈洪峰

Tested by 宋丹

Address: No.108, Beihu East Street, Wukang, Deqing, Huzhou, Zhejiang, China

Consulting tel.: 0572-8085531 Fax: 0572-8081921 Complaint tel.: 0572-8085508 Postcode: 313200



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Test Instructions

Test basis: Refer to NIJ Standard-0101.06: *Ballistic Resistance of Body Armor*.

Main equipments for test

Name	Code	Certificate No.	Expiry date
Velocity testing instrument	3036	GFJGJL202322912170169-003	2023.10.24
Vernier caliper	01-7001		2023.12.20
7.62mm rifle AP cartridge type 53 ballistic gun			
7.62mm rifle AP cartridge type 53			

Test conditions: Temperature: 21°C Humidity: 60%RH

Test place: No.108, Beihu East Street, Wukang, Deqing, Huzhou, Zhejiang, China

Declarations:

1. Testing results are only valid for submitted samples.
2. We don't take responsibility for the consequence of using untested items or range of the submitted samples.
3. This test report is invalid without the dedicated stamp for test.
4. This test report is invalid without signature of the approver.
5. This test report is invalid if altered.
6. Partly using this test report is not allowed without the approval of our center.

检测机
防弹



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Sample name	Ballistic Plate	Model/Specification	250×300mm
Sample quantity	1	Sample No.	2023193
Test item	Ballistic Resistance		
Technical requirements	<p>Attach the Sample to the backing material and fix it firmly with 50mm wide strap. Shooting distance is 15m. Fire 3 rounds of 7.62mm rifle AP cartridge type 53 with 7.62mm rifle AP cartridge type 53 ballistic gun. Muzzle velocity: 878m/s±9.1m/s. The angles of incidence are 0°.</p> <p>Requirements: in the case of fair hit for bullet, sample shall not be perforated and the maximum backface signature(BFS) shall be ≤ 44mm.</p>		
Conclusion	<p>Sample provided by NINGXIA NORTH-FLK TECHNOLOGY CO., LTD has been tested by our center for its bulletproof performance. At room temperature, sample was not penetrated, and the maximum backface signature(BFS) depth was 28mm.</p>		
Tested by		Checked by	许秋萍

材料

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Results of shooting test

Sample No.	Structure	Condition	Shooting distance (m)	Angle of incidence (°)	Target stand	Velocity (m/s)	Perforation	BFS depth (mm)
3#	Sic Ceramic+PE	Room temperature	15	0	1	875	Not perforated	26
			15	0	2	882	Not perforated	26
			15	0	3	880	Not perforated	28

- end -


检测中心



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Attached table:

Photos of tested parts	
2023193	

2023193