

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

# Test Report

Client NINGXIA NORTH-FLK TECHNOLOGY CO.,LTD

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

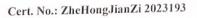
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Checked by

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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.



## Test Report

Sample name	Ballistic Plate	Model/Specification	250×300mm	
Sample quantity	1	Sample No.	2023193	
Test item		Ballistic Resistance		
Technical requirements	50mm wide strap. Sl 7.62mm rifle AP cartr type 53 ballistic gur angles of incidence ar Requirements: in the o	the backing material and hooting distance is 15 bidge type 53 with 7.62 m. Muzzle velocity: 8 to 0 °.  Case of fair hit for bulle eximum backface signal	m. Fire 3 rounds of mm rifle AP cartridge $78\text{m/s} \pm 9.1\text{m/s}$ . The t, sample shall not be	
Conclusion	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.			
Tested by		Checked by	你跟替	



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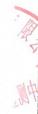
Cert. No.: ZheHongJianZi 2023193

# Test Report

# Results of shooting test

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

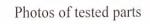
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#### Attached table:





2023193



