

UNITED STATES TEST LABORATORY
BALLISTIC RESISTANCE TEST

Date Received: 05/20/13
 Via: UPS
 Returned Via: UPS

Record No.: SV13003
 Test Date: 05/20/13
 Customer: SEGTEC VIDRIO, S.A. DE C.V.

Test Conditions

Temperature: 71 °F.
 Humidity: 52 %
 Test Spec.: NIJ 0108.01
 Threat Level: Special Threat

Range 3

Muzzle to Screen 1: 4.90 ft.
 Screen 1 - 2: 5.73 ft.
 Screen 2 - Target: 39.37 ft.
 Midpoint to Target: 42.24 ft.
 Target to Witness: 0.50 ft.
 Witness: 2024-T3 Alum.
 Barrel Length: 20 in.

Sample Description			Test/Ammunition Description					Chronograph		Results
Sample Number	Sample Thickness (in.)	Sample Weight (lbs.)	Shot No.	Shot Location	Degree Obliquity	Caliber	Bullet Weight / Type	TIME sx-5	VELOCITY fps	Penetration No Penetration
Sample 2	1.27	24.95	1	TL	0	7.62x39mm	123 FMJ	238.4	2403	No Penetration
Sample 2	1.27	24.95	2	TR	0	7.62x39mm	123 FMJ	235.2	2435	No Penetration
Sample 2	1.27	24.95	3	BR	0	7.62x39mm	123 FMJ	240.7	2380	No Penetration
Sample 2	1.27	24.95	4	BL	0	7.62x39mm	123 FMJ	248.1	2309	No Penetration
Sample 2	1.27	24.95	5	C	0	7.62x39mm	123 FMJ	245.4	2334	No Penetration

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This test was performed in accordance with the specification requirements and the results properly reflect the ballistic performance of the listed sample.

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 Wichita, KS 67205 U.S.A.
 Phone 316-832-1600
 Fax 316-832-1602

REMARKS/NOTES:

- Sample secured using USTL supplied frame and clamps.
- See attached pre and post test digital photos.
- See attached digital video of all impacts.
- See attached high-speed video of all impacts.

Test Round Used:

7.62x39mm 123 gr. FMJ (Lead Core, Copper Jacket) @ customer specified velocity of 2350 +/- 50 fps

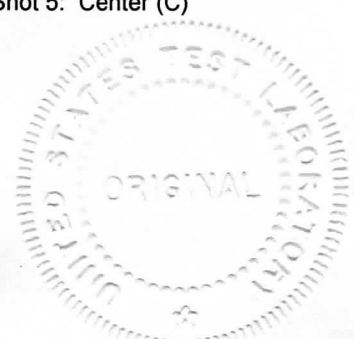
Shot Spacing / Shot Location:

Minimum 2.0" shot-to-edge and shot-to-shot.

Shot 1: Top Left (TL), Shot 2: Top Right (TR), Shot 3: Bottom Right (BR), Shot 4: Bottom Left (BL), Shot 5: Center (C)

Sample Tested:

Manufacturer: SEGTEC VIDRIO, S.A. DE C.V.
 Sample No.: Sample 2
 Sample: Glass 32mm
 Sample Size: 15.75" x 15.75"
 Lot No.: SEGV1 05-2013
 DoM: May 2013
 Threat Level: III



Sample Description:

Layer 1: Glass (1.27" thick).