



H.P. White Laboratory, Inc.

PROTECTION BALLISTIC LIMIT TEST, V50 BL(P)

Client : DAW TECH

Job No. : 11446-04

Test Date : 4/12/10

TEST PANEL

Manufacturer : DAW TECH

Size : 12 X 12 in.

Thicknesses : NA

Avg. Thick. : NA

Required BL(P) :

Description : PROPRIETARY

1/4" STEEL, AIR GAP AND BLACK PANEL.

Sample No. : HPW-1 (2gr)

Heat No. : NA

Weight : NA lbs.

Hardness : NA

Plies/Laminates : NA

Date Rec'd. : 04-05-10

Via : UPS

Returned : CONWAY

SET-UP

Shot Spacing : PER CUSTOMER REQUEST

Witness Panel : 0.020", 2024-T3 ALUMINUM

Obliquity : 0 deg.

Backing Material : NA

Conditioning : AMBIENT

Primary Vel. Screens : 5.0 ft., 7.0 ft.

Primary Vel. Location : 6.0 ft. From Muzzle

Residual Vel. Screens : NA

Residual Vel. Location : NA

Range to Target : 9.0 ft.

Target to Wit. : 6.0 in.

Range No. : 4

Temp. : 65 F

BP : 30.12 in. Hg

RH : 38%

Barrel No./Gun : 2/4gr SWIFT- R4

Gunner : GORSCHER

Recorder : PRATT

AMMUNITION

Projectile : 2 grain Steel RCC

Powder : H110

Lot No. : 2HPW-004

APPLICABLE STANDARDS OR PROCEDURES

(1) : PER-MIL-STD-662F

(2) :

(3) :

Shot No.	Powder/Seating	Time (usec)	Velocity (ft/s)	Vel. Loss (ft/s)	V-Strike (ft/s)	Result	Include in V50	Footnotes
1	43.0	325	6154	243	5910	P		(a)
2	43.0	323	6192	245	5947	P		
3	43.5	323	6192	245	5947	P		

REMARKS : Velocity loss computed using standard formulas.	FOOTNOTES : (a) TEST TERMINATED DUE TO VELOCITY LIMIT OF TEST BARREL.	V50 SUMMARY : No. Points : V50 : High Partial : 5947 Low Complete : Range of Results : Range of Mixed :
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 Size : 12 X 12 in.
 Thicknesses : NA
 Avg. Thick. : NA
 Required BL(P) :
 Description : PROPRIETARY
 1/4" STEEL, AIR GAP AND BLACK PANEL.

Sample No. : HPW-1 (4gr)
 Heat No. : NA
 Weight : NA lbs.
 Hardness : NA
 Plies/Laminates : NA

Date Rec'd. : 04-05-10
 Via : UPS
 Returned : CONWAY

SET-UP

Shot Spacing : PER CUSTOMER REQUEST
 Witness Panel : 0.020", 2024-T3 ALUMINUM
 Obliquity : 0 deg.
 Backing Material : NA
 Conditioning : AMBIENT

Primary Vel. Screens : 5.0 ft., 7.0 ft.
 Primary Vel. Location : 6.0 ft. From Muzzle
 Residual Vel. Screens : NA
 Residual Vel. Location : NA
 Range to Target : 9.0 ft.
 Target to Wit. : 6.0 in.

Range No. : 4
 Temp. : 65 F
 BP : 30.12 in. Hg
 RH : 38%
 Barrel No./Gun : 2/4gr SWIFT- R4
 Gunner : GORSCH
 Recorder : PRATT

AMMUNITION

Projectile : 4 grain Steel RCC
 Powder : H110

Lot No. : 4HPW-005

APPLICABLE STANDARDS OR PROCEDURES

- (1) : PER-MIL-STD-662F
- (2) :
- (3) :

Shot No.	Powder/Seating	Time (usec)	Velocity (ft/s)	Vel. Loss (ft/s)	V-Strike (ft/s)	Result	Include in V50	Footnotes
1	43.0	323	6192	236	5956	P		(a)
2	43.5	323	6192	236	5956	P		
3	43.5	325	6154	235	5919	P		

REMARKS : Velocity loss computed using standard formulas.	FOOTNOTES : (a) TEST TERMINATED DUE TO VELOCITY LIMIT OF TEST BARREL.	V50 SUMMARY : No. Points : V50 : High Partial : 5956 Low Complete : Range of Results : Range of Mixed :
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