



5055 S 33rd St
Phoenix, AZ 85027

Test Report

ETL-TR-ADA-25-126-0101

Test Date:

May 6, 2025

Order Information	
Customer Name	Adept Armor
Customer ID	ADA
Quote #	TBD
Customer PO #	VERBAL
Test Order #	ETL-TO-ADA-25-126
Test Plan #	ETL-TP-ADA-25-126-0101

Sample Information			
ETL Sample ID	ETL-TSI-ADA-25-126-0101	Size (in)	10.75"x11.75"
Sample Type	Hard Armor	Shape/Curvature	Multi-Curve
Model Number	N/A	Feature Details	2.25"x4.25" Upper Chamfers
Description	N/A	Weight (lbs)	5.808
Lot Number	N/A	Thickness (in)	1.1
Serial Number	N/A	Construction	N/A

Ballistic Evaluation							
Range Configuration				Test Parameters			
Temperature	Relative Humidity	Barrel End to Target	Target to Velocity	Target to Witness	Vel Set 1 Dist	Vel Set 1 Dist	Range #
(°F)	(%)	(ft)	(ft)	(in)	(ft)	(ft)	
69.54	38.7	25	7.510416667	0	15.32	14.33	1
Equipment/Ammunition Details				Test Parameters			
Receiver	Barrel	Threat	Propellant	Propellant Lot	Casing		
HSP #1187	ETL-BA-22-005	M2 AP	N133	240032CR02821	30-06		
Test Type		Reference Spec.	No. Shots	Shot Pattern			
Ballistic Resistance - V0		NIJ 0101.07	1	CROWN			
Threat		Velocity (ft/s)	Velocity Tolerance (ft/s)				
M2 AP		2880	±30				
Backing			Witness Panel				
Roma Plastilina #1 Ballistic Clay			N/A				

Clay Validation									
Drop 1 (mm)	Drop 2 (mm)	Drop 3 (mm)	Drop 4 (mm)	Drop 5 (mm)	Avg. (mm)	Temp. (°F)	Box #	Drop Time	
Pre-Test: 17.69	17.51	18.34	18.15	16.72	17.68	98.8	9	12:43:00 PM	
Post-Test:									

Ballistic Evaluation Data												
Shot #	Proj. Wt (gr)	Pwdr Wt (gr)	Time 1 (µs)	Time 2 (µs)	V1 (ft/s)	V2 (ft/s)	Vavg (ft/s)	Oblig. (°)	Result	BFD (mm)	Shot Location	Notes
1	163.2	48.1	5306	4960	2887.30	2889.11	2888.21	0	PP	23.72	CROWN	

Test Remarks

Acronyms		
Evaluation	Shot Locations	Units
SIP - Stop in Plate	T - Top	F - Fahrenheit
SIV - Stop in Vest	B - Bottom	% - Percent
PP - Partial Penetration	M - Middle	inHg - Inches of Mercury
CP - Complete Penetration	C - Center	in - Inches
EV - Excessive Velocity	L - Left	ft - Feet
IV - Insufficient Velocity	R - Right	mm - Millimeter
UH - Unfair Hit	CR - Crown	° - Degrees
STEI - Shot-to-Edge Distance Incorrect	VP - Viewport	µs - Microseconds
STSI - Shot-to-Shot Distance Incorrect		ft/s - Feet per Second
ICW - In Conjunction With		

Test Report History					
Report Revision	Operator 1	Operator 2	Approver	Notes	Date
A	AGibson	MDenhart	EGavelda	Initial Release	5/6/2025

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