



BALLISTIC RESISTANCE TEST - V₀

OREGON BALLISTIC LABORATORIES, LLC
 2873 22nd St. SE, Suite C
 Salem, Oregon 97302
 Ph: 503-540-8114 Fax: 503-362-5597
 www.oregonbl.com

Customer: Aircraft Rubber Manufacturing
 OBL ID#: _____
 Test Date: 11/4/2010 Start: 0900 Stop: 1045
 Purchase Order: _____

TEST SAMPLE

Sample No.: "ARM-R-COAT Level II" Sample #1
 Size: 20x20x20 in.

Thickness: _____
 Avg. Thick.: 0.325
 Description: Self sealing coating

SET-UP

Vel. Screens: 2.5 meter center from target
 Range to Target: 16.4'
 Target to Witness: n/a
 Witness Panel:
 Backing Mat'l.: None
 Obliquity: Various
 Barrel: .308
 Fuel: Type II Diesel @ ambient temp.

Temperature: 70.5 °F
 Chamber Temp: °F
 Rel. Humidity: 43.8 %
 Gunner: Paul Frampton
 Recorder: Brandon Bertsch

AMMUNITION

(1): 7.62 M80, Ball copper

Lot No.: N/A

POWDER

(1): N133

STANDARDS AND PROCEDURES

(1): NIJ STD 0108.01 Level III (mod)

SHOT NO.	AMMO.	POWDER WT. (gr.)	VELOCITY 1 ft/s	VELOCITY 2 ft/s	AVERAGE VELOCITY	PENET. P/C	NOTES
1	1	42.9	2788	2780	2784	CC	Projectile hit above fuel line - No seepage after
2	1	42.8	2768	2759	2764	CP	No leak / seepage
3	1	42.8	2807	2799	2803	CP	No leak / seepage
4	1	42.6	2776	2773	2775	CP	No leak / seepage
5	1	42.5	2752	2745	2749	CP	Hit @ approx. 45° angle. No leak / seepage
6	1	42.5	2749	2747	2748	CC	Hit @ approx. 45° angle 3" from corner

REMARKS:

CP=Complete - Partial
 CC=Complete - Complete
 BH=Bad Hit

TEST RESULTS:

Test sample satisfied the ballistic requirements given.

FOOTNOTES: Shot #1 showed no signs of seepage after fuel line was raised above entry/exit. Shot #6 leaked less than 1 teaspoon out of exit in 5 minutes at an average rate of 1 drip every 8-9 seconds. All leaking / seepage stopped at or around 7:33. No "spurt" was noticed on any entry. Tank was filled with fuel untill roughly 3" from top.

Quality Manager:

Steve Griffith

Ballistics Manager:

Brandon Bertsch