

Detailed Specs

**Remington.**

Remington Arms Company, LLC  
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Madison, NC 27025  
800.243.9700

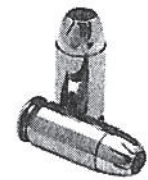
**GOLDEN SABER® PRODUCT DATA SHEET**

9mm Luger /124-gr Brass Jacketed Hollow Point

Index ..... GS9MMB  
RAMAC ..... 29420  
Date prepared ..... 25-Oct-05

**COMPONENT & MANUFACTURING INFORMATION**

CALIBER ..... 9mm Luger  
SHELL ..... Nickel-plated Brass (Copper alloy 260; cartridge brass)  
BULLET WEIGHT ..... 124-grain  
BULLET CONSTRUCTION ..... Brass-jacketed lead core; hollow point; Driving band design; Deep, through-cut nose for reliable expansion under a wide variety of terminal events and through intervening barriers.  
PRIMER ..... Remington #149 (1½); Lead-styphnate-based priming mix; Tested operating range -20°F to +150°F (-29°C to +66°C); Added inspections during manufacture.  
PRIMER SEALANT ..... Lacquer-type sealant  
CASEMOUTH SEALANT ..... Asphaltic-base sealant  
CASE KNURL ..... None  
HEADSTAMP ..... Loaded cartridges are headstamped with "R-P" and "9mm LUGER"  
PRIMER MARKING ..... None  
PROPELLANT ..... Flash suppressed for minimum visible light signature.  
PROPELLANT DETECTION ..... 100% mechanical, electrical, or electro-mechanical detection of propellant level within the cartridge.  
LOT IDENTIFICATION ..... Each box of ammunition is identified with a unique code which allows traceability to shift/day/month/year of packaging and/or loading and all in-process assembly and test results.  
FINAL INSPECTION ..... 100% visual and/or vision system inspection of finished cartridges prior to final packaging.  
PACKAGING ..... Box quantity ..... 25 cartridges  
Case quantity ..... 500 cartridges



**BALLISTIC & PERFORMANCE INFORMATION**

AVERAGE MUZZLE VELOCITY ..... 1,145 fps  
INSTRUMENTAL ..... 1,135 ± 35 fps (measured at 15', over 20') for a 10-round test when fired from a SAAMI-compliant test barrel.  
AVERAGE PRESSURE ..... 35,000 psi maximum for a 10-round test measured at the time of manufacture with a conformal piezoelectric transducer in a SAAMI-compliant test barrel.  
AVERAGE MUZZLE ENERGY ..... 361 ft-lb  
ACCURACY ..... Typical maximum extreme spread of three 5-round groups of less than 2.0" at 25 yards fired from a SAAMI-compliant accuracy test barrel mounted in a Universal Receiver.  
BARRIER PERFORMANCE ..... Designed to ensure maximum integrity and expansion through most FBI barriers. See attached sheet for additional terminal ballistic performance.

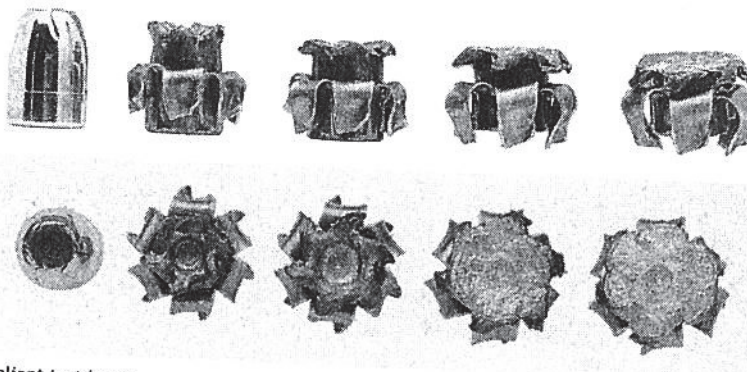
Note: Golden Saber Bonded will not defeat Class IIA body armor, and is restricted for sale through Remington Law Enforcement wholesalers only.  
Golden Saber® is a registered trademark of Remington Arms Co., LLC, Madison NC 27025



The product described on this data sheet is manufactured by Remington Arms Company, LLC at their ammunition production facility  
2592 Arkansas Hwy. 15N, Lonoke, Arkansas 72086.  
This facility is registered to the standards of ISO-9001:2008

## TYPICAL TERMINAL BALLISTIC PERFORMANCE\*

<u>BARRIER**</u>	<u>PENETRATION</u>	<u>EXPANSION</u>	<u>WEIGHT RETENTION</u>
NONE (BARE GELATIN)	12"	.714" / 200%	100%
HEAVY CLOTHING	12½"	.660" / 185%	100%
STEEL	18"	.410" / 115%	100%
AUTO GLASS	10"	.428" / 120%	85%



\* - Tests fired from a SAAMI-compliant test barrel.

\*\* - Specifics of barrier materials and arrangement were in accordance with US Federal Bureau of Investigation test protocols in effect at the time of testing.

## DOWNRANGE (EXTERNAL) BALLISTIC PERFORMANCE

<u>RANGE</u>	<u>VELOCITY</u>	<u>ENERGY</u>	<u>MID-RANGE TRAJECTORY</u>	<u>SIGHT LINE TRAJECTORY</u>
0 (MUZZLE)	1,145 fps	361 ft-lb <sub>f</sub>	0.0"	---
25 YARDS	1,090 fps	327 ft-lb <sub>f</sub>	0.2"	+0.5"
50 YARDS	1,045 fps	301 ft-lb <sub>f</sub>	0.9"	* zero*



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## PRODUCT DATA SHEET

9mm Luger/124-gr Metal Case (MC) UMC

Index ..... L9MM2  
RAMAC ..... 23718  
Date prepared/revised ..... 31-Dec-08

### COMPONENT & MANUFACTURING INFORMATION

CALIBER ..... 9mm Luger  
SHELL ..... Brass (copper alloy 260; cartridge brass)  
BULLET WEIGHT ..... 124-grain  
BULLET CONSTRUCTION ..... Copper jacketed (90:10 gilding metal), lead core, full metal case  
PRIMER ..... Remington #149 (#1½); lead styphnate-based priming mix. Tested operating range - 20°F to +150°F (-29°C to +66°C)  
PRIMER SEALANT ..... None  
CASEMOUTH SEALANT ..... None  
CASE KNURL ..... None  
HEADSTAMP ..... Loaded cartridges are headstamped with the following information: "R-P" and "9mm LUGER"  
PRIMER MARKING ..... None  
PROPELLANT DETECTION ..... 100% mechanical, electrical, or electro-mechanical detection of propellant level within the cartridge.  
LOT IDENTIFICATION ..... Each box of ammunition is identified with a unique code which allows traceability to shift/day/month/year of packaging and/or loading and all in-process assembly and test results.  
FINAL INSPECTION ..... 100% visual and/or vision system inspection of finished cartridges prior to final packaging.  
PACKAGING ..... Box quantity ..... 50 cartridges  
Case quantity ..... 500 cartridges

### BALLISTIC & PERFORMANCE INFORMATION

AVERAGE INSTRUMENTAL VELOCITY ..... 1,090 ± 40 fps (measured at 15', over 20') for a 10-round test when fired from a SAAMI-compliant test barrel.  
AVERAGE PRESSURE ..... 35,000 psi maximum for a 10-round test measured at the time of manufacture with a conformal piezoelectric transducer in a SAAMI-compliant test barrel.  
AVERAGE MUZZLE ENERGY ..... 333 ft-lb<sub>f</sub> (1,100 fps muzzle)  
ACCURACY ..... Maximum average extreme spread of three 5-round groups of 2.8" at 25 yards fired from a SAAMI-compliant accuracy test barrel mounted in a Universal Receiver.  
BULLET PULL ..... Minimum average (10-round test) ..... 39 lb<sub>f</sub>  
Minimum individual ..... 26 lb<sub>f</sub>  
EXTERIOR BALLISTICS

	<u>RANGE</u>	<u>VELOCITY</u>	<u>ENERGY</u>	<u>MID-RANGE TRAJ.</u>	<u>SIGHT LINE TRAJ.</u>
Muzzle	.....	1,100 fps	..... 333 lb <sub>f</sub> -ft	..... N/A	..... -0.9"
25 yards	.....	1,061 fps	..... 310 lb <sub>f</sub> -ft	..... 0.2"	..... +0.5"
50 yards	.....	1,028 fps	..... 291 lb <sub>f</sub> -ft	..... 1.0"	..... *zero*



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