






Remington Arms Company, Inc.
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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

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| <p>CALIBER..... 9mm Luger</p> <p>SHELL Nickel-plated Brass (Copper alloy 260; cartridge brass)</p> <p>BULLET WEIGHT 124-grain</p> <p>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.</p> <p>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.</p> <p>PRIMER SEALANT Lacquer-type sealant</p> <p>CASEMOUTH SEALANT Asphaltic-base sealant</p> <p>CASE KNURL None</p> <p>HEADSTAMP Loaded cartridges are headstamped with "R-P" and "9mm LUGER "</p> <p>PRIMER MARKING None</p> <p>PROPELLANT..... Flash suppressed for minimum visible light signature.</p> <p>PROPELLANT DETECTION 100% mechanical, electrical, or electro-mechanical detection of propellant level within the cartridge.</p> <p>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.</p> <p>FINAL INSPECTION 100% visual and/or vision system inspection of finished cartridges prior to final packaging.</p> <p>PACKAGING Box quantity 25 cartridges Case quantity 500 cartridges</p> |    |
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BALLISTIC & PERFORMANCE INFORMATION

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| <p>AVERAGE VELOCITY MUZZLE... 1,145 fps</p> <p>INSTRUMENTAL.. 1,135 ± 35 fps (measured at 15', over 20') for a 10-round test when fired from a SAAMI-compliant test barrel.</p> <p>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.</p> <p>AVERAGE MUZZLE ENERGY 361 ft-lb_f</p> <p>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.</p> <p>BARRIER PERFORMANCE Designed to ensure maximum integrity and expansion through most FBI barriers. See attached sheet for additional terminal ballistic performance.</p> |
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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., Inc., Madison NC 27025

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 _f | 0.0" | - - - |
| 25 YARDS | 1,090 fps | 327 ft-lb _f | 0.2" | +0.5" |
| 50 YARDS | 1,045 fps | 301 ft-lb _f | 0.9" | * zero* |