



Remington Arms Company, Inc.
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PRODUCT DATA SHEET

9mm Luger +P/101-gr Plated Powdered Metal Frangible
 Index LF9MMB
 RAMAC 23858
 Date prepared 12-May-03

COMPONENT & MANUFACTURING INFORMATION

CALIBER..... 9mm Luger +P
 SHELL Brass (Copper alloy 260; cartridge brass)
 BULLET WEIGHT 101-grain
 BULLET CONSTRUCTION Electroplated copper cladding, compressed powdered iron core, frangible
 PRIMER..... Remington #149-HMF (1½-HMF); Diazodinitrophenol (Dinol)-based heavy-metal-free priming mix. Operating range -20°F to +150°F (-29°C to +66°C)
 PRIMER SEALANT Lacquer-type sealant
 CASEMOUTH SEALANT None
 CASE KNURL None
 HEADSTAMP..... Loaded cartridges are headstamped with the following information: "R-P" and "9mm LUGER +P"
 PRIMER MARKING Primer cups are marked "HF" to enable visual identification
 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 1,220 ± 35 fps (measured at 15', over 20') for a 10-round test when fired from a SAAMI-compliant test barrel.
 AVERAGE PRESSURE 38,500 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 342 ft-lb_f (1,235 fps muzzle)
 ACCURACY Maximum extreme spread of three 5-round groups of 3.1" at 25 yards fired from a SAAMI-compliant accuracy test barrel mounted in a Universal Receiver.
 FRANGIBILITY No fragments greater than 5 grains after impact with a hard steel (AR500) target at 45°.
 BULLET PULL Minimum average (10-round test) 120 lb_f
 Minimum individual 78 lb_f