



Remington Arms Company, Inc.
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 Madison, NC 27025
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LEADLESS™ PRODUCT DATA SHEET

40 S&W 180-gr Flat Nosed Enclosed Base (FNEB)

Index LL40SW5
 RAMAC 23791
 Date prepared/revised 30-Oct-08

COMPONENT & MANUFACTURING INFORMATION

CALIBER 40 S&W

SHELL Brass (Copper alloy 260; cartridge brass)

BULLET WEIGHT 180-grain

BULLET CONSTRUCTION..... Copper jacket (alloy 220), lead core, flat nose, jacket completely encapsulates heel of bullet eliminating lead exposed to propellant gases.

PRIMER Remington #149HMF; Diazodinitrophenol (Dinol)-based heavy-metal-free priming mix.
 Tested operating range: -20°F to +150°F
 (-29°C to +66°C)

PRIMER SEALANT None

CASEMOUTH SEALANT Asphaltic sealant

CASE KNURL..... None

HEADSTAMP Loaded cartridges are headstamped with "R-P" and "40 S&W"

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



REPRESENTATIVE IMAGES

BALLISTIC & PERFORMANCE INFORMATION

AVERAGE INSTRUMENTAL VELOCITY 985 ± 35 fps (measured at 15', over 20') for a 10-round test when fired from a SAAMI-compliant unvented (solid) 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..... 392 ft-lb_f (990 fps muzzle)

ACCURACY..... Maximum extreme spread of three 5-round groups of 2.5" at 25 yards fired from a SAAMI-compliant accuracy test barrel mounted in a Universal Receiver.

BULLET PULL..... Minimum average (10-round test) 72 lb_f
 Minimum individual 59 lb_f

Note: *LeadLess* rounds will not defeat Class IIA body armor.
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