Remington Arms Company, Inc.
PO Box 700, 870 Remington Drive
Madison, NC 27025
800.243.9700

PRODUCT DATA SHEET

40 S&W/180-gr Metal Case (UMC)

Index L40SW3
RAMAC 23742
Date prepared/revised 05-July-05

COMPONENT & MANUFACTURING INFORMATION

CALIBER	40 S&W
SHELL	Nickel-plated brass (copper alloy 260; cartridge brass)
BULLET WEIGHT	180-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 "40 S&W"
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	985 ± 30 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	365 ft-lb_f (1,045 fps muzzle)
ACCURACY	Maximum average 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.
BULLET PULL	Minimum average (10-round test)..... 72 lb_f Minimum individual..... 59 lb_f

EXTERIOR BALLISTICS

RANGE	VELOCITY	ENERGY	MID-RANGE TRAJ.	SIGHT LINE TRAJ.
Muzzle	995 fps	396 lb_f-ft	N/A	-0.9"
25 yards	940 fps	353 lb_f-ft	0.3"	*zero*
50 yards	890 fps	317 lb_f-ft	1.2"	-1.6"

The information contained herein was accurate as of the date of preparation. This information is subject to change.