



Remington Arms Company, Inc.
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PRODUCT DATA SHEET

6.8mm Remington SPC/115-gr Metal Case (FMJ)

Index R68R2
 RAMAC 29134
 Date prepared/revised 23-Oct-07

COMPONENT & MANUFACTURING INFORMATION

CALIBER 6.8mm Remington SPC
 SHELL Brass (Copper alloy 260; cartridge brass)
 BULLET WEIGHT 115-grain
 BULLET CONSTRUCTION..... Copper alloy jacket, lead core, metal case (FMJ) design
 Cannelure Groove..... Yes
 PRIMER Remington #182 large rifle primer;
 lead-styphnate-based priming mix.
 Tested operating range -20°F to
 +150°F (-29°C to +66°C)
 PRIMER SEALANT Lacquer sealant.
 CASEMOUTH SEALANT Alsphtalic-based sealant.
 PRIMER STAKE/CRIMP None
 HEADSTAMP Loaded cartridges are headstamped with the following information:
 "R-P" and "6.8mm Rem SPC"
 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 20 cartridges
 Case quantity..... 200 cartridges



BALLISTIC & PERFORMANCE INFORMATION

AVERAGE INSTRUMENTAL VELOCITY 2,610 ± 50 fps (measured at 15', over 20') for a 10-round test
 when fired from a SAAMI-compliant test barrel (24").
 AVERAGE PRESSURE..... 55,000 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..... 1,759 ft-lb_f (2,625 fps muzzle, 24" test barrel)
 ACCURACY Maximum extreme spread of three 5-round groups of 3.0" at 100 yards
 fired from a SAAMI-compliant accuracy test barrel (1:10 twist)
 mounted in a Universal Receiver.
 BULLET PULL..... Minimum average (10-round test) 78 lb_f
 Minimum individual 52 lb_f