



Remington Arms Company, Inc.
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PRODUCT DATA SHEET

223 Remington 62-gr Core-Lokt Ultra Bonded

Index PRC223R4
 RAMAC 28918
 Date prepared/revised 3-Sept-08

COMPONENT & MANUFACTURING INFORMATION

CALIBER 223 Remington
 SHELL Brass (Copper alloy 260; cartridge brass)
 BULLET WEIGHT 62-grain
 BULLET CONSTRUCTION..... Copper alloy jacket, Bonded lead core, Pointed Soft Point
 Cannelure Groove..... Yes
 PRIMER Remington #198T small rifle primer;
 lead-styphnate-based priming mix.
 Tested operating range -20°F to
 +150°F (-29°C to +66°C)
 PRIMER SEALANT None
 CASEMOUTH SEALANT None
 PRIMER STAKE/CRIMP None
 HEADSTAMP Loaded cartridges are headstamped with the following information:
 "R-P" and "223 Rem"
 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 3,080 ± 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..... 1,323 ft-lb_f (3,100 fps muzzle, 24" test barrel)
 ACCURACY..... Maximum extreme spread of three 5-round groups of 1.5" at 100 yards
 fired from a SAAMI-compliant accuracy test barrel (1:7 twist)
 mounted in a Universal Receiver.
 BULLET PULL..... Minimum average (10-round test) 52 lb_f
 Minimum individual 39 lb_f