



Remington Arms Company, Inc.  
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**PRODUCT DATA SHEET**

**40 S&W 125-gr Copper Tin Frangible**

Index .....CTF40SWA  
 RAMAC .....29463  
 Date prepared/ revised .....15-Aug-08

**COMPONENT & MANUFACTURING INFORMATION**

**CALIBER**..... 40 Smith & Wesson

**SHELL** ..... Brass (Copper alloy 260; cartridge brass)

**BULLET WEIGHT** ..... 125-grain

**BULLET CONSTRUCTION** ..... Sintered/compressed powdered Copper/Tin core, frangible

**PRIMER**..... Remington #149HMF4; Diazodinitrophenol (Dinol)-based heavy-metal-free priming mix.

**PRIMER SEALANT** ..... Lacquer-type sealant

**CASEMOUTH SEALANT** ..... None

**CASE KNURL** ..... None

**HEADSTAMP**..... Loaded cartridges are headstamped with the following information: “R-P” and “40 S&W”

**PRIMER MARKING** ..... Primer cups are marked “HF” to enable visual identification

**PROPELLANT**..... Flash suppressed for minimum visible light signature.

**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** ..... 1,285 ± 40 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** .....469 ft-lb<sub>f</sub> (1,300 fps muzzle)

**ACCURACY** ..... Maximum extreme spread of three 5-round groups of 2.8” 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°.