

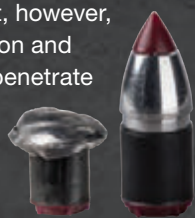
B.O.R. LOCK MZ[®] SYSTEM

EASY TO LOAD. HARD TO MISS.

The B.O.R. Lock MZ System has changed muzzleloading. No detaching sabot, no belt—it's a whole new class of bullet. Consistent. Accurate. Easy to load. Its exclusive, Colorado-legal system efficiently engages the rifling and seals the bore, optimizing velocity and accuracy.

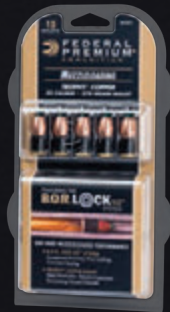
WE FLATTEN TRAJECTORIES —NOT BULLETS

Most lead muzzleloader bullets are soft and flatten on impact. The Federal Premium Lead Muzzleloader Bullet, however, offers controlled expansion and high weight retention to penetrate more than 20 inches through ballistics gel.



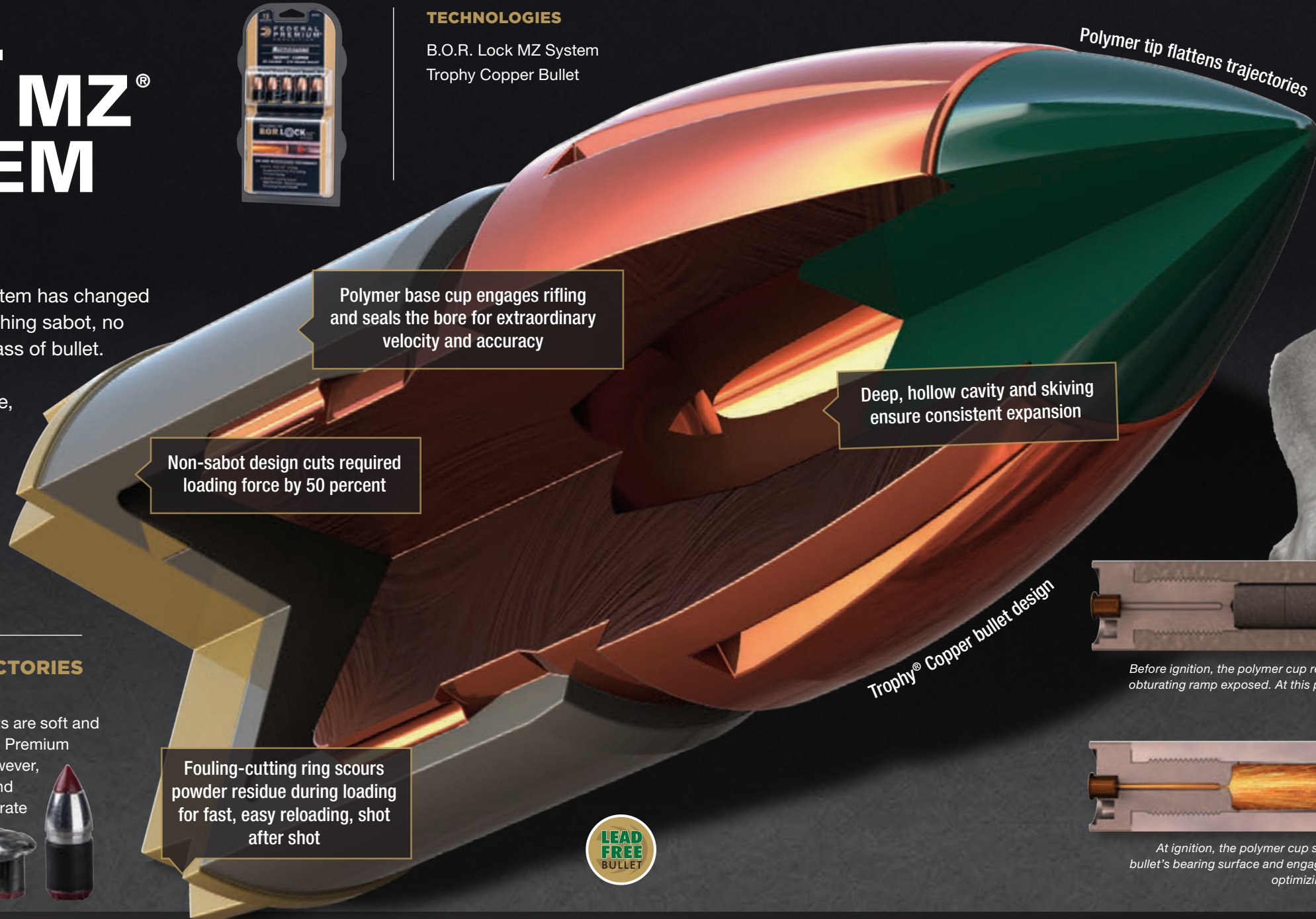
EXPANSION THAT DOESN'T SACRIFICE PENETRATION

The Trophy Copper Muzzleloader Bullet's nose skiving ensures full expansion at a wide range of velocities and through tough tissue like bone. Gel block shot with a 270-grain bullet (PMZ50TC1) through a Traditions™ Vortek™ rifle with 100 grains of pelletized powder at 100 yards.



TECHNOLOGIES

B.O.R. Lock MZ System
Trophy Copper Bullet



PRE-IGNITION



Before ignition, the polymer cup remains positioned at the rear of the bullet, with the forward obturating ramp exposed. At this point, only the fiber-reinforced base of the cup is in contact with the barrel.

IGNITION



At ignition, the polymer cup slides forward and over both obturating ramps, creating the bullet's bearing surface and engaging the rifling. The resulting gas seal is incredibly efficient, optimizing accuracy, velocity, consistency and shooter confidence.

BLAST OFF

Ignition is everything in muzzleloading. That's why Federal Premium® has developed the 209 Muzzleloading Primer to complement its line of B.O.R. Lock MZ bullets. The formulation provides superior resistance to moisture and hot, reliable ignition of both granulated powder and pellets in any conditions—without causing the excessive fouling in the breech area typical of standard shotshell primers.



76

AVAILABLE LOADS

TROPHY COPPER MUZZLELOADER BULLET WITH B.O.R. LOCK MZ

LOAD NO.	CALIBER	GR.
PMZ50TC1*	50	270

*For best performance, use with magnum primers.

LEAD MUZZLELOADER BULLET WITH B.O.R. LOCK MZ

LOAD NO.	CALIBER	GR.
PMZ50LMZ1	50	350

MUZZLELOADING PRIMER

PART NO.	TYPE
PMZ209	209



77

MEDIUM GAME • BIG GAME • LONG-RANGE MUZZLELOADING