

155 mm, ERFB SMOKE (WP) M09

Artillery ammunition

TECHNICAL DATA:

• Caliber (mm)	155
• Projectile designation	ERFB SMOKE (WP) M09
• Projectile mass (kg)	≈ 45.5
• Explosive charge mass (kg)	≈ 8.7 (white phosphorus)
• Propellant mass (kg)	≈ 8.5 (zone 8), ≈ 12.9 (zone 9), ≈ 15.2 (zone 10)
• Projectile length, with fuze (mm)	≈ 938
• Propelling charge	MC zone 8, MC zone 9, MC zone 10
• Propellant type	NCD-26 (zone 8), NCD-191 (zone 9), NCD-19 (zone 10)
• Primer	TK M82 P2
• Muzzle velocity (m/s)	≈ 680 (zone 8), ≈ 820 (zone 9), ≈ 900 (zone 10)
• Maximum range (m)	≈ 20600 (zone 8), ≈ 26600 (zone 9), ≈ 32200 (zone 10)
• Mean max pressure of powder gases for group of rounds (bar)	≈ 1700 (zone 8), ≈ 2600 (zone 9), ≈ 3250 (zone 10)
• Fuze type	UTIU, M02

WEAPON COMPATIBILITY:

STH 155 mm, NORA B52 M03

PACKING DESCRIPTION:

Separately packing of projectiles, propelling charges MC (zone 8, zone 9, zone 10) and fuzes.

