

EXTENDED RANGE ROUND

155MM NATO ARTILLERY AMMUNITION

MISSION

In the context of engagement at a short range of friendly troops in contact, the extended range round is able to destroy a target at a minimal range of 200m from friendly troops without inflicting casualties. Likewise, the Rules of Engagement in high intensity urban warfare imply a minimization of collateral damages.

Thus, the extended range round is able to destroy enemy ground-platforms at a minimal range of 50m desirable of civilian people and facilities. In both cases, the terminal efficiency of the projectile is adapted. Besides, terminal effects multiple targets are controlled by airburst detonation of the warhead.

Surface area targets is engaged with this kind of ammunition at a maximal range of 45km.

DESCRIPTION

The Extended Range Round is dedicated to the 155mm/52cal artillery systems.

It consists of a fuze, a shell, a combustible case containing propellant.

This ammunition offers a longer range firing capability with higher terminal effectiveness and with better accuracy. It provides a reduced cost solution and ensure all artillery tactical effects up to such extended range.

STATUS

Under development.



TECHNICAL CHARACTERISTICS

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|-------------------------------|--------------------------|
| Type | Complete artillery round |
| Caliber | 155mm |
| Maximum range (155 LU 211 BB) | ≈ 45km |
| Operational temperature range | -33° to +63°C (firing) |
| Storage temperature range | -33° to +71°C |