

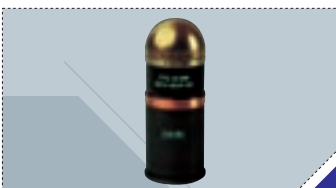
40MM CARTRIDGE, HEDP, SELF DESTRUCT



Patented

40MM

Cartridge, HEDP, Self-Destruct



- Reduces incidences of dangerous unexploded dud, especially in swampy or sandy terrains
- Eliminates or reduces costs of clearing dangerous duds
- Unique mechanical self-destruct fuze ensures no shelf-life limiting components such as battery or pyrotechnic materials
- High functional reliability in both normal impact and self-destruct mode
- Designed to meet US military specifications and NATO STANAG 4403
- Qualified for use on the CIS 40 AGL & US MK 19 MOD 3



**Singapore Technologies
Kinetics**

A company of Singapore Technologies Engineering

40mm Cartridge HEDP-SD

KEY FEATURES:

- Excellent armour piercing capability
- Matched trajectories with other 40mm HV rounds (HEDP, HE, TP and TP-T)
- Meets US military specifications and NATO STAGNAG 4403, and is qualified for use on the CIS 40 AGL and US MK 19 MOD 3 automatic grenade launchers
- Unique mechanical self-destruct impact nose fuze
- Safe during storage, transportation, handling and firing due to the mechanical safety features of the fuze (conforming to MIL-STD-331)
- Arming distance of 18 to 40 metres
- Projectile self-destruction at a range of approximately 2200m (corresponding to a flight time of about 26 seconds) when the projectile spin rate drops below 5000 rpm
- High functional reliability in both normal impact mode and self-destruct
- Unique mechanical design ensures no shelf-life limiting components such as battery or pyrotechnic materials

Technical Specifications

General

Length	112 mm	Weight	350 g
Primer Type	Percussion	Explosive Charge	Composition A5
Fuze	Self-destruct (Mechanical Design)		

Performance

Performance Equivalent	MIL-C-50863B	Arming Distance	18 m to 40 m
Muzzle Velocity	242 m/s	Maximum Range	2200 m
Lethal Radius[m]	5	Penetration	2.5" thick mild steel

Fragmentation Density:

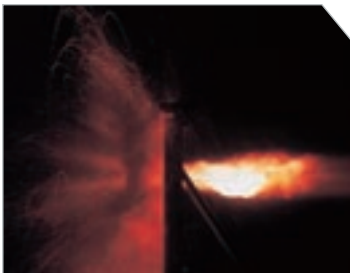
- At radius of 5m on 1/2" plywood 3.5 perforations per m²
- At radius of 10m on 1/2" plywood 1.0 perforations per m²

Weapon Compatibility	CIS 40 AGL, US MK 19 MOD 3		
Hazard Classification	1.1E	UN Number	0006

Packaging

Packing	32 rounds in linked belt, with M16A2 links, in a metal box		
Volume	0.017 m ³	Gross Weight	18 kg
Dimension [mm]	438 (L) x 144 (W) x 272 (H)		

Note: Specifications are subject to changes by the manufacturer without prior notice.



Complete Penetration of 2.5" Steel Target by HEDP/HEDP-SD Cartridges



32 rounds in linked belt, with M16A2 links, in a metal box

KINETICS MARKETING GROUP

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