

### FRAG GRENADE

"Well it?s a grenade innit? It blows up."

-Unknown.

The M9 High-Explosive Dual-Purpose Grenade (abbreviated M9 HE-DP Grenade), also known as the Fragmentation Grenade, Frag Grenade, or simply Frag, is a UNSC-issued grenade that functions in a manner very similar to contemporary hand grenades.



Model: Misriah Armory M9 High-Explosive/Dual-Purpose (HE/DP) Grenade

Type: Fragmentation Grenade

Scale: Character

Skill: Grenades: Frag

Rate of Fire: 1

Ammo: 1

Cost: 30 cR

Availability: 2, X

Range: 3-4/7/12 (Thrown Range)

-Difficulty: Easy/Moderate/Difficult

Damage: 5D/3D (Blast Radius: 0-5/15)

GAME NOTES: N/A (It's a bloody grenade!)

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### DESIGN DETAILS

HE-DP stands for High-Explosive Dual-Purpose. This designation means that it is designed to be effective against infantry and lightly armored vehicles. AP FRAG can be viewed on the Halo: Combat Evolved M9's olive casing. AP designates "anti-personnel", indicating the weapon's intended use.

The grenade has a hard metal casing, with a frangible design meant to break apart into small, regular shards. This surface creates consistent, reliable fragmentation patterns for the grenade, rather than randomly rupturing along metallurgical faults. The grid-shaped casing houses a charge of high-explosive fitted with a mechanical primer. When the charge detonates, it shatters the grenade's casing, sending shrapnel flying away at high velocity.

In all Halo games, the grenade must first hit the ground before exploding. In Halo: Combat Evolved, the grenade would not detonate mid-air. In Halo 2 and Halo 3, it would bounce and explode mid-air a moment after bouncing. But in Halo 3, if the grenade was thrown up, and hit a surface going up, it would not explode until it hit the ground. This presumed to be a safety feature, ensuring the grenade would only explode after striking a surface after being thrown, and not in the user's hand. This may explain the lack of a "spoon", or handle, on the Halo 2 and 3 M9 HE-DP grenades. The spoon is a device that is gripped while the grenade is being primed. It ensures the grenade will not explode until after the spoon is released, as it starts the fuse of a grenade as it flies through the air after it is thrown. In Halo: Combat Evolved, the spoon would have negated the need for this Halo 2 safety feature.

The grenade is primed with a small button located on the "handle", quite unlike modern fragmentation grenades which use a pin that must be pulled before priming.

In Halo: Combat Evolved, the fragmentation grenade left a white smoke trail behind it when thrown and would create sparks when it landed after being hurled, indicating that the grenades fuse could be a gas-release system. The grenade would be primed with pressing a button, release gas when in mid-air and then detonate when landing in a static position. This would make the grenade's detonation system depend on placement rather than timed detonation.

In Halo: Combat Evolved and Halo 2, four of these grenades may be carried at a time. This was reduced to two in Halo 3 due to the presence of four grenade types, but increased to three in Halo 3: ODST and in Halo: Reach the player is again able to carry four grenades

## ADVANTAGES

This grenade can be effectively hurled and bounced around corners and travels farther than the Plasma Grenade; this can be used to quickly and aptly damage an attacker before he can move away from it, giving you an instant advantage in the close combat situation. It is also harder to see and has a shorter fuse, therefore making it harder to avoid and more useful for killing enemies on foot. In Halo: Combat Evolved, it also seems to have a larger blast radius than a Plasma Grenade. It has the largest casualty radius than the other grenade types in Halo 3. Also, since it is harder to see, having an enemy run over one by accident can happen more easily than with a bright blue plasma grenade.

## DISADVANTAGES

-Unlike the Plasma and Spike Grenades, this grenade does not stick to objects or opponents. It has more of a chance of wounding a player than killing them because an unwounded player has to practically crouch on the grenade to be within the kill-radius.

-The grenade cannot kill a fully shielded Sangheili, Spartan or Jiralhanae, unless they are touching it. It can, however, kill a partially shielded opponent in a single hit. In stark contrast, the Plasma Grenade is a one-hit kill if stuck or lands nearby so players have to be careful when throwing.

-In the Halo: Combat Evolved campaign, if one grenade is caught in the blast of another, it will be set off; this can lead to massive chain reactions if large numbers of grenades are scattered around the battlefield. However, grenades that were originally spawned on the map will not detonate, only the ones that are dropped by enemies and allies that are killed. A similar effect is found in the Halo 2 campaign, however since the grenades are less powerful these chain reaction explosions are less dangerous and

less likely to occur.

-Smoke comes out when you throw it, so enemies can easily see and avoid it if they are fast.

## UNSC REMARKS

"Grenades are not something you throw just because you see bad guys. Make sure you know where your squad is at, make sure it's only the bad guys you're gonna blow up, then chuck the damage."

"This is my third tour and I've seen action on a half dozen planets?I've also seen about five different versions of the M9. Not like em nine eh through em nine ee, but totally different fragmentation grenades called em nine. I guess that's one of the consequences of being part of a galactic empire [laughter] I said galactic empire!"

"The grenade detonated directly beneath the Ghost and sent it and the driver tumbling through the air; the remainder of 1st squad dispatched the Brute and secured the enemy vehicle."

"There ain't a magical wall at fifteen meters?had a hole punched in my cheek at about ninety meters over a year ago back on Ballast. Could'a lost an eye or even been killed. Remember when you hear that call or a thump to keep your head down."

"...bounced off of the loading ramp and exploded above head level (2.4 meters) killing the Brute SL and disrupting the remaining Grunts."

"Well it's a grenade innit? It blows up."

## OTHER INFO

### Technical Specifications:

-Model: M9 High-Explosive Dual-Purpose Grenade

-Type: Grenade

-Cost: cR. 30

-Size:

--Diameter: 9.5cm/3.9"

--Weight: 4kg/.875lbs

-Damage Per Hit: Very High

-Maximum Ammunition: 4 (Halo: Combat Evolved, Halo 2); 2 (Halo 3); 3 (Halo 3: ODST)

-Fire Mode: Thrown

-Ammunition Type: Fragmentation Shrapnel

--Filler: 19kg of ComL High Explosive

-Accuracy: Depends on throw

-Range: Depends on throw

--Killing Radius: 5m/16ft

--Casualty Radius: 15m/35ft

-Affiliation: United Nations Space Command

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