

## Direct/Indirect Fire Cue Simulator APFSDS



### Application:

Laser-based "firing" during force-on-force training demands a visual differentiation between "firing" and "hit". Most of today's laser based firing simulators allow the selection of ammunition to engage an opposing tank, e.g. HEAT, APFSDS munitions. It is, therefore, essential to provide an accurate effect of hits caused by APFSDS ammunition.

### Description:

The APFSDS cartridge is fired from the Light Gunnery Signature Simulator attached to the tank and delivers a glaring flash in the centre followed by small flares streaming upwards. It thus offers the gunner the visual effect of hitting a steel target with kinetic energy penetrator.

### Characteristics:

**Signature:** Centre-flash: 12 flares at 15m height  
**Sound level:** 135 dB at 2m distance  
**Burning time:** nom 2 sec. (flares)  
**Visibility:** approx. 3.000m  
**Safety distance:** 50m in firing direction and 1,0m to the sides (ear protection)

### Specifications:

**Length:** 74mm  
**Diameter:** 28mm (middle section)  
**Diameter:** 32mm (bottom)  
**Weight:** approx. 28 gram  
**Net Explosive Mass:** approx. 9 gram

### References:

In service with US Army (9202000) (M31A1)

### Product Codes:

9202000 (yellow)  
 9204300 (green)  
 9204400 (red)

### NATO Stock Numbers:

1370-01-485-0163  
 to be applied for  
 to be applied for  
 UN0431

### UN Number:

### Proper Shipping Name:

Articles, pyrotechnic

Qty. per box	Hazard Class	NEQ (kg)	GR Wgt (kg) approx.	Vol m <sup>3</sup> approx.
360	1.4 G	3,24kg	20,0kg	0.050m <sup>3</sup>