



# VEHICLE PROTECTION

## MASKE SMOKE GRENADE 80/81 MM

### MULTISPECTRAL PROTECTION FOR COMBAT VEHICLES

The 80/81 mm MASKE is a vehicle-launched IR smoke screening grenade that significantly reduces the probability of enemy hits by interrupting the line of sight (LOS) in the visual and infrared spectrum.

It thus protects combat vehicles from visual and infrared observation, aiming equipment, sensor-guided weapons as well as laser illuminators, beamriders and laser range finders.

The 80/81 mm MASKE is based on a bi-modular, bi-spectral ammunition concept consisting of a

- rapid-reaction jamming module producing intense over-radiation utilizing proven decoy technology, coupled with a
- long-duration module producing visual and infrared screening smoke.

#### MAIN FEATURES

- Bi-modular, multispectral ammunition concept with rapid-reaction wafer deployment and long-duration screening component.
- Very short reaction time creating an effective smoke screen coupled with a jamming effect created by over-radiation utilizing proven decoy technologies.
- Using the latest red phosphorus technology.
- The 80/81 mm MASKE can be fired from all standard western and eastern 80 mm and 81 mm launchers respectively.

The 80/81 mm MASKE completes the internationally renowned MASKE product family of smoke grenades. Numerous tests and live fire field trials have successfully demonstrated the jamming, screening and obscuring effectiveness of the MASKE grenade technology, including tests against antitank missiles.

TECHNICAL DATA	
Length	259 mm
Weight	1880 g
Effective after burst within	<2 s (80 mm)/<5 s (81 mm)
Effective range	30–45 m (80 mm at elevation 11°) 70–100 m (81 mm at elevation 45°)
Smoke duration	VIS >35 s; IR >30 s
Packaging	Metal box M548
Transport class	UN0303
Hazard classification	1.4 G



80/81 mm MASKE