

MARVIN

PYROENGINEERING BY NST

READY FOR MISSION.

PRODUCT & PRICE LIST 2022



The future of training. Ready for mission.

MARVIN presents a new type of simulation system. It offers you many new possibilities, without being complicated. An unprecedented leap in application. And a particularly powerful simulation system, that makes exercises even more realistic and redefines them. Welcome to the MARVIN product range, powerful enough to move the boundaries beyond the possible for safety and rescue professionals. Professionals from all areas.

Pro Performance. Safety and handling. The next level.

The MARVIN simulation system was developed for professional users to meet military testing standards. Groundbreaking, especially for tasks such as the realistic, safe and uncomplicated simulation of exercise scenarios, including stress simulation. Safe ignition via fly off lever, friction- or electric igniter. You don't have to improvise and you can concentrate on your training.

No pyro-license? No problem.

The MARVIN simulation system has been approved exclusively for security and rescue forces such as fire brigades, police, military and their training institutions by the BAM (German Federal Institute for Materials Research and Testing). No further approvals or licenses are required for use.

Neverending opportunities. For exercises without restrictions.

To reach the goal to give you the highest possible performance and to take the exercise to a new level, it took something unprecedented. The MARVIN simulation system, simulating smoke development on vehicles involved in traffic accidents. Simulation of fires or chemical accidents with leakage of hazardous materials, simulating large & area fires, as well as tanker accidents or screening large open areas. Not limited to bursting tires on burning vehicles, deflagrations or simulating an exploding gas cylinder - MARVIN is extremely powerful in everything and versatile, thanks to its wide range of applications.

Discover now the world of MARVIN!

SMOKEGENERATOR



Smoke Grenade white/grey SMK 010106

60 seconds burning time. Increased volume. Fly off lever ignition. 1,5sec. delay time. 60 mm diameter body. 147 mm height complete. Up to 135 g NEQ. Up to 290 g weight. Hazard classification: 1.4S. UN Number: 0432. Packed 5 pieces in a carton.

28 € per piece



Smoke Grenade red SMK 010103

90 seconds burning time. Fly off lever ignition. 1,5sec. delay time. 60 mm diameter body. 147 mm height complete. Up to 115 g NEQ. Up to 270 g weight. Hazard classification: 1.4S. UN Number: 0432. Packed 5 pieces in a carton.

28 € per piece



Smoke Grenade green SMK 010104

90 seconds burning time. Fly off lever ignition. 1,5sec. delay time. 60 mm diameter body. 147 mm height complete. Up to 115 g NEQ. Up to 270 g weight. Hazard classification: 1.4S. UN Number: 0432. Packed 5 pieces in a carton.

28 € per piece



Smoke Grenade yellow SMK 010102

90 seconds burning time. Fly off lever ignition. 1,5sec. delay time. 60 mm diameter body. 147 mm height complete. Up to 115 g NEQ. Up to 270 g weight. Hazard classification: 1.4S. UN Number: 0432. Packed 5 pieces in a carton.

28 € per piece



Smoke Grenade white/grey SMK 010206

60 seconds burning time. Increased volume. Electric ignition. 60 mm diameter body. 147 mm height complete. Up to 135 g NEQ. Up to 280 g weight. Hazard classification: 1.4S. UN Number: 0432. Packed 5 pieces in a carton.

28 € per piece



Smoke Grenade red SMK 010203

90 seconds burning time. Electric ignition. 60 mm diameter body. 147 mm height complete. Up to 115 g NEQ. Up to 260 g weight. Hazard classification: 1.4S. UN Number: 0432. Packed 5 pieces in a carton.

28 € per piece



Smoke Grenade green SMK 010204

90 seconds burning time. Electric ignition. 60 mm diameter body. 147 mm height complete. Up to 115 g NEQ. Up to 260 g weight. Hazard classification: 1.4S. UN Number: 0432. Packed 5 pieces in a carton.

28 € per piece



Smoke Grenade yellow SMK 010202

90 seconds burning time. Electric ignition. 60 mm diameter body. 147 mm height complete. Up to 115 g NEQ. Up to 260 g weight. Hazard classification: 1.4S. UN Number: 0432. Packed 5 pieces in a carton.

28 € per piece



Smoke Generator+ white/grey SMK 020306

60 seconds burning time. Increased volume. Pull igniter.
5 sec. delay time. 210 mm diameter body. 220 mm height complete.
Up to 1.000 g NEQ. Up to 2.170 g weight. Hazard classification: 1.4S.
UN Number: 0432. Packed 1 piece in a carton.

245 € per piece



Smoke Generator+ brown SMK 020310

90 seconds burning time. Pull igniter.
5 sec. delay time. 210 mm diameter body. 220 mm height complete.
Up to 1.280 g NEQ. Up to 2.450 g weight. Hazard classification: 1.4S.
UN Number: 0432. Packed 1 piece in a carton.

245 € per piece



Smoke Generator+ white/grey SMK 020206

60 seconds burning time. Increased volume. Electric ignition.
210 mm diameter body. 220 mm height complete. Up to 840 g NEQ.
Up to 2.010 g weight. Hazard classification: 1.4S. UN Number: 0432.
Packed 1 piece in a carton.

245 € per piece



Smoke Generator+ brown SMK 020210

90 seconds burning time. Electric ignition.
210 mm diameter body. 220 mm height complete. Up to 1.120 g NEQ.
Up to 2.290 g weight. Hazard classification: 1.4S. UN Number: 0432.
Packed 1 piece in a carton.

245 € per piece

SOUNDGENERATOR



Sound Generator friction BNG 050503

150 dB volume. Friction ignition. 3-7 sec. delay time.
24 mm diameter body. 140 mm height complete. Up to 1,5 g NEQ.
Up to 25,5 g weight. Hazard classification: 1.4G. UN Nummer: 0431.
Packed 24 pieces in a carton.

4 € per piece



Sound Generator electric BNG 050203

150 dB volume. Electric ignition.
24 mm diameter body. 140 mm height complete. Up to 0,4 g NEQ.
Up to 25,4 g weight. Hazard classification: 1.4G. UN Nummer: 0431.
Packed 24 pieces in a carton.

4 € per piece

EXPLOSIONSIMULATOR



Explosion Simulator BNG 060203

120 dB volume. 6,5 m effect height. Electric ignition.
150 mm diameter body. 2.620mm height complete. Up to 15 g NEQ.
Up to 1.395 g weight. Hazard classification: 1.4G. UN Nummer: 0431.
Packed 1 piece in a carton.

41 € per piece

NOTE ON THE SOUNDGENERATOR & EXPLOSIONSIMULATOR



ATTENTION!

Fire or projection hazard. Keep away from heat/sparks/
open flames/hot surfaces. – No smoking. In case of fire:
Explosion risk in case of fire. Evacuate area. DO NOT
fight fire when fire reaches explosives. Keep only in
original container.

NOTE ON THE SMOKEGENERATOR & SMOKEGENERATOR+



ATTENTION!

Fire or projection hazard. Keep away from heat/sparks/
open flames/hot surfaces. – No smoking. In case of fire:
Evacuate area. Fight fire remotely due to the risk of ex-
plosion. Keep only in original container.