



HAND THROWN GRENADES

SMOKE POT

SMOKE CAN- M79 KD –M79

SMOKE CAN- M90 KD –M90

SMOKE CAN FLOATING - 25 KDP-25

SMOKE CAN TOXIC FOR PRACTICE KODS

SMOKE POT

APPLICATION

Smoke pot is a type of pyrotechnic product charged with neutral smoke composition intended to generate permanent smoke for screening movements, live stationary and moving targets wide areas and various objects in different tactical situations. It can also be used for ground to ground signaling and for ground recognition marking for aircraft and helicopters and for indicating wind speed and direction.

DESCRIPTION

Smoke pot is a device for screening and camouflaging. Body of the can is cylindrical made of steel plate, filled with HC mixture.

OPERATION

Smoke pot is activating with friction or electrical igniter. After putting igniter in position and putting pot at the ground, and activation, from the smoke pot is emitting dense white/gray smoke in appropriate time, depending of the size of the can. Depending of application and quantity of smoke, can be produced types KD-1, KD-2, KD-5, KD-10, KD-45.

SPECIFICATIONS

	KD-1	KD-2	KD-5	KD-10	KD-45
Diametar	60	80	150	185	300
High	148	235	240	285	465
Mass of smokepot	0,6	2	5.5	10.5	45
Mass of loading	0,45	1.6	4.5	8.5	42
Igniter	Friction/electrical				
Smokeemmition time	1.5 min.	4 min.	10 min.	20 min.	25 min.
Shelf life	5 years				

Transport packing : waterproof carton box

Inner packing : PE bag

UN 0431

Class 1.4G

	KD-1	KD -2	KD -5	KD -10	KD -45
Dimensions of box (mm)	526x330x160	526x330x160	325x315x260	380x200x300	330x330x550
Number of units	40	12	4	2	1
Mass of transport packing (kg)	26	25	23	24	50



SMOKE CAN- M79 KD –M79

APPLICATION

Smoke pot is a type of pyrotechnic product charged with neutral smoke composition intended to generate permanent smoke for screening movements, live stationary and moving targets wide areas and various objects in different tactical situations. It can also be used for ground to ground signaling and for ground recognition marking for aircraft and helicopters and for indicating wind speed and direction.

DESCRIPTION

KD-M79 is a device for screening and camouflaging. Body of the can is cylindrical made of steel plate, filled with HC mixture.

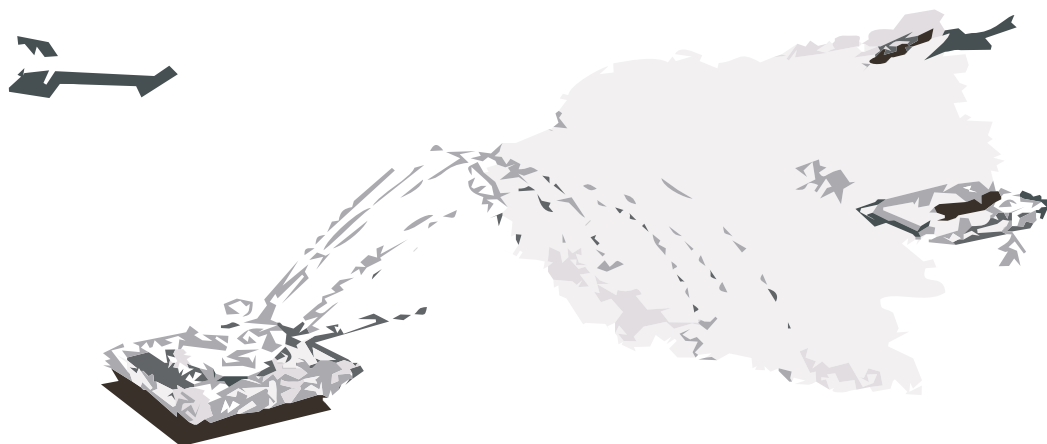
OPERATION

KD-M79 F is activating by hand, pulling up friction igniter which is placed at the box of the can. Electric activation is applicable from the launcher 82mm at the combat vehicle. After activation and appropriate delay time, at the range of 100m is forming smoke screen 75-100m long and 10 – 20 m wide. This type of can can be produced with cassette loading.

SPECIFICATIONS

Diameter: 82 mm
Height: 152 mm
Mass: 1500 g
Active charge: HC
Active charge mass: 920 g
Ejecting charge (NGB-061 powder) mass: 2.2 g
Igniter: electrical or friction
Delay: 2.6 s
Launching: from launcher 82 mm or by hand
Minimal range: 100 m
Screening smoke size: length 75-100 m, width 10-20 m
Smoke emission time: 3.5-5.5 min.
Shelf life: 5 years

Transport packing : waterproof carton box or wooden box
Inner packing : cartoon shell
Dimensions of box:582x348x260mm
Number of units in the box: 12
Gross weight of transport packing: 32 kg
UN 0197
Class 1.4 G



SMOKE CAN- M90 KD –M90

APPLICATION

KD-M90 is a pyrotechnic device with irritating mixture designed for a special military and police units in anti riot control operations intended to generate permanent smoke for temporary incapacitating of unprotected crowd in open and closed area. Contaminates area and temporary disable crowd. It provokes hard irritation, teasing of eyes and mucous membrane, plenty of tearing, cough, uneasiness to breathe and choking without injury.

DESCRIPTION

Body of the can is cylindrical, made of steel plate. Consists of pyrotechnic irritating mixture, based on CS. Principle of acting is thermal generating (when hits the target, emits smoke wave of active substance in rated time).

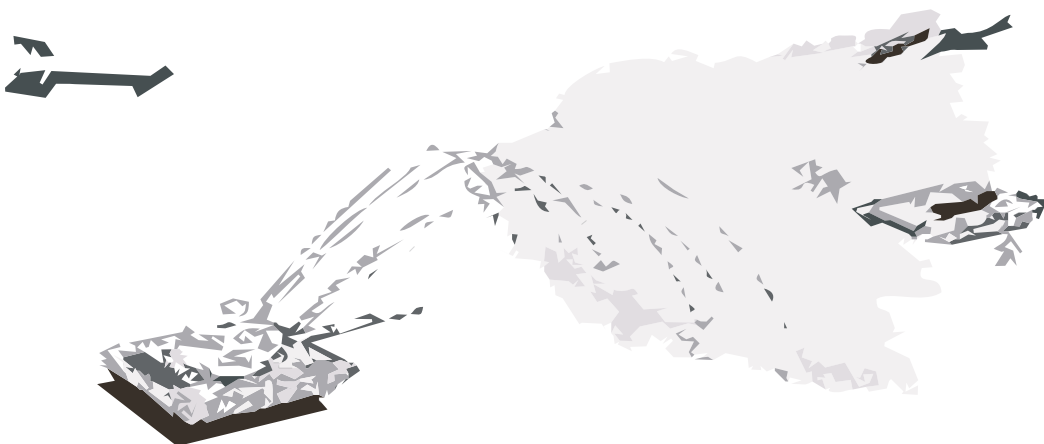
OPERATION

KD-M90 is activating from the launcher 82mm at the combat vehicle. After activation and appropriate delay time, at the range of 100m is forming smoke screen 75-100m long and 10 – 20 m wide. This type of irritating can can be produced with cassette loading.

SPECIFICATIONS

Diameter: 82 mm
Height: 152 mm
Mass: 1140 g
Active charge: CS
Active charge mass: 550 g
Ejecting charge (NGB-061 powder) mass: 2.2 g
Igniter: electrical
Delay: 2.6 s
Launching: from launcher 82 mm
Minimal range: 100 m
Screening smoke size: length 75-100 m, width 10-20 m
Smoke emission time: 60s
Shelf life: 5 years

Transport packing : waterproof carton box or wooden box
Inner packing : cartoon shell
Dimensions of box:582x348x260mm
Number of units in the box: 12
Gross weight of transport packing: 24 kg
UN 0301
Class 1.4 G



SMOKE CAN FLOATING - 25 KDP-25

APPLICATION

KDP-25 is a pyrotechnic device filled with neutral mixture, intended to generate permanent smoke for screening movements, live stationary and moving targets wide areas and various objects in different tactical situations on water.

DESCRIPTION

Body of the can is made of steel plate, cylindrical shape, filled with neutral mixture.

OPERATION

KDP-25 is activated with friction igniter. After putting igniter in position, putting can in the water, and activation, from the smoke can is emitting dense white/gray smoke in appropriate time. While screening, smoke can is floating on the water surface.

SPECIFICATIONS

Diameter: 300 mm
Height: 365 mm
Mass: 21kg
Active charge: HC
Active charge mass: 18kg
Activation: by hand
Smoke emission time: min. 20 min
Shelf life: 5 years

Transport packing : waterproof carton box or wooden box
Inner packing : PE bag
Dimensions of box:310x310x400mm
Number of units in the box: 1
Gross weight of transport packing: 26 kg
UN 0197
Class 1.4 G



SMOKE CAN TOXIC FOR PRACTICE KODS

APPLICATION

KODS are intended for temporary incapacitating of unprotected people both in open and enclosed space. They generate waves of toxic smoke for the purposes of tactical training under conditions of chemical contamination of air. It is also used to contaminate air in the wide area at ground, under the ground and at buildings. It provokes hard irritation, teasing of eyes and mucous membrane, plenty of tearing, uneasiness to see with eyes, cough, uneasiness to breathe and choking without inflicting permanent injury. It is used by ground forces for a variety of training purposes particularly for application of personal protective equipment.

DESCRIPTION

Body of the grenade is cylindrical, made of steel plate. Consists of pyrotechnic irritating mixture, based on CS. Princip of acting is thermal generating (when hits the target, emits smoke wave of active substance in rated time).

OPERATION

KODS is activating with friction or electrical igniter. After putting igniter in position and putting can at the ground, and activation, from the smoke pot is emitting dense irritating smoke in appropriate time, depending of the size of the can. Depending of application and quantity of smoke, can be produced types KODŠ M3F i KODŠ M3E , KODŠ M4F i KODŠ M4E , KODPŠ M1F i KODPŠ M1E.

SPECIFICATIONS

characteristics	KO DŠ M3	KO DŠ M4	KO DP
Diametar (mm)	80	180	184
High (mm)	130	240	235
Weight of can (kg)	0,7	5,2	3,75
Mass of active charge (kg)	0,45	4,0	2,75
Smoke emittion time (min.)	min 8	min 15	Min 12
Activation	By hand		
Igniter	Friction/electrical		
Shelf life	5 years		



Transport packing : waterproof carton box or wooden box

Inner packing : PE bag

KODŠ M3:

Dimensions of box:435x265x150mm

Number of units in the box: 15

Gross weight of transport packing: 12 kg

KODŠ M4:

Dimensions of box:390x390x260mm

Number of units in the box: 4

Gross weight of transport packing: 22kg

KODPŠ M1:

Dimensions of box:390x390x260mm

Number of units in the box: 4

Gross weight of transport packing: 16 kg

UN 0301

Class 1.4 G

