

BRD M83

Smoke hand grenade

APPLICATION

BRD M83 color smoke is designed as signaling and camouflage device, intended for day and night signalization in different applications, for marking of area for landing of planes, for jumping of parachutists, for determination of wind blowing, camouflaging of individuals and groups in one place or in movement, giving signals on land or sea, from floating objects or mountains. Can be used also in practice for handling with irritating devices or for simulation of variable activities at the site.

DESCRIPTION

Body of the grenade is cylindrical, made of steel, filled with smoke mixture in different colors (yellow, green, blue, orange, red), or white (hexachlorethane). Principle of acting is thermal generating (when hits the target emits colored smoke wave in certain time).



OPERATION

Hold grenade firmly keeping EDT handle pressed against the hand, and pull out safety ring. At this moment, igniter is released, which, after throwing activate delay igniter. After delay time of 2,5 to 3,5 seconds, from the grenade is releasing dense intensive color smoke. Appropriate delay time ensures safe use.

SPECIFICATION

Diameter : 60mm
 Height: 150 ± 2 mm
 Igniter : mechanical
 Delay time: 3.0 ± 0.5s
 Activation: by hand
 Shelf life : 5 years

BRD M83 white

Mass of the grenade: 600 ± 20
 Mass of pyrotechnic loading : 460 g
 Smoke emission time: 50-90 s

BRD M83 colour

Mass of the grenade : 380 ± 20 g
 Mass of pyrotechnic loading : 240 g
 Smoke emission time: 30 - 40 s

Transport packing : waterproof carton box

Inner packing : PE bag

Dimensions of box: 520 x 330 x 160 mm

Number of units in the box: 40

Gross weight of transport packing: 17 kg (color),
 24kg (white)

UN 0197

Class 1.4 G