

69025 – Marine Location Marker SC 25 – Flare/Smoke

Description:

The SC 25 Marine Location Marker emits dense white smoke and an intense yellow flame for a minimum of 13.5 minutes. It is often used as a surface indicator for anti-submarine warfare, or as a reference indicator for search and rescue operations. The SC 25 is intended to be launched from aircraft equipped with launch tubes, but can also be launched by hand. Prior to launch, the SC 25 is armed by turning the cover and pushing in the base plugs. This exposes the battery cavity, which allows seawater to enter upon immersion into water. The seawater activates the battery which fires the electric igniter which, then, initiates the pyrotechnic composition. Gas pressure increases which expels the nose valve assembly to allow the emission of yellow flame and white smoke



Specifications:

Canister	Type	Aluminum cylinder
	Height	47.0 cm (18.5 inches)
	Diameter	7.6 cm (3 inches)
	Weight (filled)	1.7 kg (3.8 lbs)
	NEQ	0.78 kg (1.72 lbs)
Composition		Red Phosphorus / Magnesium / Manganese dioxide
Smoke/Flame emission time		13.5 minutes minimum
Ignition	Type	Salt water battery/electric igniter
	Delay	20 seconds max

Shipping Information:

Packaging	Units per carton	Eight (8)
	Carton Type	Polystyrene containers
	Carton Size	69.1 x 52.7 x 14.0 cm (27.18 x 20.19 x 5.5 in)
	Carton volume	0.051m ³
	Gross Weight	14.2 kg(31.4 lbs)
UN Number		UN 0195
Proper Shipping Name		Signals Distress, Ship
Hazard Class		1.3
Compatibility Group		G
NSN		1370-00-690-1458
EX		EX2015030613