

SABRE® - CONE DELIVERY SERIES

MK-20 with Metal Clip Technical Specifications

Updated: 1/2016

Height:	5.12"	13.0 cm
Diameter:	1.18"	3.0 cm
Weight:	1.05 oz / 30 g / 31.05ml	
Warranty:	5 years	
1-second bursts:	13	
Firing Mechanism:	Flip Top	
Propellant:	HFC 134a	
Canister:	Seamless extruded aluminum – Rated 2Q	
Operating Temps:	0° F (-17° C) to 120° F (50° C)	



Formulation: Oil soluble Oleoresin Capsaicin combined with an ultraviolet marking dye. **The formulation is non-flammable and electronic immobilization device compatible.** Each canister is stabilized and contains an operating pressure of 100 PSI. The pharmaceutical grade propellant is non-ozone depleting, providing greater dependability and a much-improved shelf life.

Labeling: All canisters are labeled with a protective Mylar over lamination cover which resists wear and water damage. Canisters are labeled with the shot pattern, batch number, serial number and expiration date. Individually serialized canisters permit easy identification and link to formulation batch numbers for quality assurance tracking.

Quality Control: Manufacturer maintains quality control system in accordance with the American National Standards Institute (ANSI) for the following:

Operation Test	Discharge Duration Test	Intermittent Discharge Test	High Temperature Exposure Test
Temperature Cycle Test	Operating Weight Test	Gasket Dependability Test	Hydrostatic Pressure Test
One Year Time Leakage Test	Pressure Vessel Test		

Federal Regulations: The manufacturer certifies that all units comply with the following:

29 CFR 1910	Occupational Safety And Health Standards	AOAC 995.03	Oleoresin Capsicum Assay
16 CFR 1500.41	Test for skin irritant	16 CFR 1500.130	Labeling of self pressurized canisters
16 CFR 1500.45	Test method for determining flammability of contents of self pressurized canisters	16 CFR 1500.42	Test for eye irritant
		16 CFR 1500.3	Acute Inhalation Toxicity Study

	Training	Level I Formula		Level II Formula		Level III Formula	
	SABRE Inert®	SABRE Defense®	SABRE 5.5®	SABRE 5.0®	SABRE CS®	SABRE Red®	SABRE®
Model #	50H2O2i-C					52002i-C	
Delivery	Cone					Cone	
Range (Ft/Mtrs)	9-10 / 2-3					9-10 / 2-3	
Active Ingrid	NA					10% OC	
SHU's	NA					2,000,000	
Scoville Content	NA					200,000	
Capsaicinoids	NA					1.33%*	

* AOAC Official Method 995.03 Capsaicinoids in Capsicums and Their Extractives, Liquid Chromatographic Method (HPLC). Security Equipment Corporation uses AOAC Method 995.03 because it is the preferred method of the Environmental Protection Agency and the U.S. Federal Government.