








**DEFENSE
TECHNOLOGY®**

MK-46V VERTICAL AEROSOL PROJECTOR

PRODUCT SPECIFICATIONS	
Material	Aluminum (seamless construction)
Height	16.5 in / 42 cm
Diameter	4.25 in / 10.8 cm
Units Include	Tank, Valve Assembly, Formulation & Instructions
Refills Include	46 oz. Formulation, New O-Ring & Instructions
Warranty	2 years from date of manufacture
ALL SPECIFICATIONS ARE AVERAGES AND SUBJECT TO CHANGE	
<p>CANISTER: The aluminum canister holding the formulation is fitted with a discharge mechanism consisting of a spring-loaded depression valve, aluminum detachable nozzle, pressure gauge, Schrader® valve, and "squeeze type" actuator. Unit is easily refillable and re-chargeable.</p> <p>SAFETY: A steel "pull ring" type safety pin passes through both the discharge mechanism and the actuator to prevent accidental discharge of the formulation.</p> <p>LABELING: Wear and water-resistant labels, individually serialized to permit easy identification, are affixed to all units. Lot numbers for formulation are present for quality assurance tracking.</p> <p>WARNING: Aerosol products described here are intended to be used only by authorized and trained Law Enforcement, Corrections, or Military Personnel. Additional product information and training is available from Defense Technology®. Handle, store and use with care and caution.</p> <p>*MK-46 units are shipped unfilled and unpressurized to comply with shipping regulations. Specifications listed are representative of a MK-46 after the user-agency has filled and pressurized it with nitrogen.</p>	

FORMULATIONS	First Defense .2%	First Defense .4%	First Defense .7%	First Defense 1.3%	First Defense OC/CS
Delivery System					
Formulation Weight	46 oz / 1304 g	46 oz / 1304 g	46 oz / 1304 g	46 oz / 1304 g	46 oz / 1304 g
Propellant	* Not Charged	* Not Charged	* Not Charged	* Not Charged	* Not Charged
Formulation	First Defense	First Defense	First Defense	First Defense	First Defense
# of Short Bursts (approx.)	26	26	26	26	26
Effective Range (ft)	25 – 30	25 – 30	25 – 30	25 – 30	25 – 30
Minimum Recommended Distance	12 feet	12 feet	12 feet	12 feet	12 feet
Major Capsaicinoid Content	.2%	.4%	.7%	1.3%	1.3% OC 2% CS
EDW Safe	Yes	Yes	Yes	Yes	No
Part No.	5746	56346V	56746V	43046	56046V
Refill Part No.	5546	56346R	56746R	43046R	56046R



Defense Technology® no longer recognizes Scoville Heat Units (SHU's) as a viable means to measure heat in regards to pepper spray (OC). SHU's are a measure based on the perception of heat which is assigned to various peppers by a panel of five tasters as described in the American Spice Trade Association, Analytical Method 21.0. The only true way to determine the heat value of a pepper spray is by laboratory assay of Major Capsaicinoids.

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