

RendSafe (Pty) Ltd. Postnet Suite 119, Private Bag X16, Hermanus, WC 7200, South Africa.

Tel +27 (0) 0825655655, Fax +27 (0) 866153650, Email: info@rendsafe.com

### Blast-resistant hand-tools for humanitarian demining.

In line with IMAS 10.30 (and design rules arising from US funded research) Security Devices has been supplying blast-resistant tools for more than ten years. Be aware that some other tools offered as "blast-resistant" are poor copies. Others break the design rules by having many parts, being short, or by using very hard steels.

Blast resistance does not mean "blast-proof". The tools are designed to distort in a blast event (which reduces the risk of breakage) and to remain in one piece, so reducing the risk of injury from parts of the tool. They are also designed to keep the user's hand low to the ground and far enough from an anti-personnel mine blast to avoid severe hand injury.

Our blast-resistant tools are designed to be used when exposing a mine, and augment our other "demining tools" that are also designed for purpose but do not need to be blast-resistant.

The blast resistant tools shown here can be supplied in a tool-roll when purchased together.

**NOTE:** Our blast-resistant tools have been tested against AP blast mines and performed well, BUT each blast is







Email: <a href="mailto:suzanne@rendsafe.com">suzanne@rendsafe.com</a>

# **Demining Tools with Kevlar Hand Grips**

Product code: LVP: 0019 - 01 Trowel



Product code: LVP: 0019 - 02 Needle Prodder



Product code: LVP: 0019 - 03 Terrain Tool



### Product code: LVP: 0019 - 04 V Prodder



Product code: LVP: 0019 - 05 Magnet





Email: <a href="mailto:suzanne@rendsafe.com">suzanne@rendsafe.com</a>

# **Mine Lifter**

Product code: LVP: 0018



Dimensions: 1(L)x1(W)x1(H) Mine Lifter for AT mines and UXO



**Product code: IA-002 Price \$1,240.00** 



Measures 1.5m x 1m. V50:430 m/s up to 600 m/s. Multiple layers of Aramid fabric with heavy duty handles. Compact, portable, flexible, and multi-purpose. Optional flame-retardant cover or cordura for hard wearing.



Email: <a href="mailto:suzanne@rendsafe.com">suzanne@rendsafe.com</a>

## **Mine Markers**

ITEM	STOCK CODE	Image	DESCRIPTION	
1	LV-016		Mine Marker Foldable Mine marker for easy flat storage Fill with stones or Soil to keep position	
2	LV-0017	MINAS - PELIGRO  ADARGER  MINAS - PELIGRO  DANGER  MINES	Mine Signs Screen printed Polycarb 1 Colour Print 280 x 280 x 3mm 0- 50 units.  Screenprinted Poly carb 1 Colour Print 280 x 280 x 3mm 50- 100 units  Mine Signs — Screen printed Polycarb 1 Colour Print 280 x 280 x 3mm 100-500 units	

Payment terms / Upfront payment is required. Shipping, clearance, delivery, duties, and taxes are not included and to be paid by the consignee on arrival.



Email: info@rendsafe.com

#### **Non-Technical Survey Field Kits**





Email: <a href="mailto:suzanne@rendsafe.com">suzanne@rendsafe.com</a>

# **Exploders and Blast Cables**

ITEM	STOCK CODE		Image	DESCRIPTION	QTY	Price
1	WI-001	*** det	S. C.	The Wizard 50G3 mini blasting machine is a capacitor discharge machine, and very reliable. Longer battery life with a large CR123A 3- volt battery (in a separate compartment from the electronic components) One- year warranty		
2	WI-002			Wizard Demolition Safety Light is a safe electronic device specifically designed for checking the continuity of firing circuits or electrically initiated pyrotechnic devices. The "DSL" will ensure that your electrical wires have a complete circuit, so that your matches and squibs also have a complete circuit.		
	LV-001		SHOT EXPLODER (ELEX 7)  Designed for EOD and IEDD use.  Single channel pocket size initiator for detonators and fuses.  Replaceable standard batteries.  Robust, water resistant enclosure enables usage in harsh environment.  Easy to operate with extensive safe features and interlocks.  Integrated continuity tester.  High energy Output: > 6 Joules, > 350 Volt  Dimensions: 79X155X32mm 550gram  Safety key optional.	Shot Exploder (ELEX 7) Designed for EOD and IEDD use. Single channel pocket size initiator for detonation and fuses. Replacement Standard batteries. (2 X PM9 batteries) Robust, water- resistant enclosure. Easy to operate. High energy output: >6 joules >350 Volt		

LV-002	* Twisted pair cable, no sheath  * Minimum 50 twists per 1 meter.  * Maximum diameter of single wire 3 mm with insulation  * Conductor: Copper, stranded wire, 20 strands minimum  * Resistance per pair: 3,33 Ohm per 100 meters at temperature 20°C  * Voltage Rating 600 V minimum.  * Material of Insulation: 2 M Ohm  * Maximum weight of cable: 3,5 kg per 100 meters.  * Operating Conditions:  * Temperature: 30°C +55°C  * Humidity up to 100% RH  * Direct contact with water  * Firing Cable: 500 meters  Twisted Pair cable, no sheath.  Min 50 twists per 1  M.  * Conductor, copper wire.  * Firing Cable 250  Meters
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#### **Hook and line Kits**

Product code: IA-030



### **Description:**

PERSPEX EXTENSION COLLAR HOOK LARGE SINGLE PLAIN HOOK LARGE SINGLE BARBED HOOK MEDIUM SINGLE PLAIN











Product code: LVP 007 / Basic Hook and Like Kit

#### **DESCRIPTION**

Basic Hook and Line Set. Manufactured Parts are all locally manufactured in South Africa. Specs can be adjusted and manufactured to Client's requirements and specifications.

**Echo Hook and Line Kit** 

Product code: LVP-0029





Email: <a href="mailto:suzanne@rendsafe.com">suzanne@rendsafe.com</a>

## **Medical Equipment Brochure and pricing**

IT E M	STO CK CO DE	Image	DESCRIPTION	Price USD \$
1	LV-		Medical Trauma Kit: Consists of:	\$1,455.00
	004	*	Airway  BVM Adult - X0304  Guedel Airway size 2 - Green (80mm) & 3 - Yellow (90mm) & 4 - Red (100mm)  Nasopharyngeal airway: size 28 Fr (ID 6.5) + Optilube - Surgical Lubricant 2.7g  Non-rebreather Mask Adult  CPR Pocket Mask	each
			Burnshield Face Mask 20x45 cm	
			Supraglottic Airway - size 4	
			Supraglottic Airway - size 5	
			Manual Hand Suction Pump	
			IV Equipment	
			Syringe Luer Lock - 3 ml	
			Syringe Luer Lock - 5 ml	
			Syringe Luer Lock - 10 ml	
			Syringe Luer Lock - 20 ml	
			Hypodermic needle (21G x 1.0")	
			Hypodermic Needle 23G	
			Tegatrans Dress 100mm x 120	
			IV Administration Sets 20 Drop 72' Tubing	
			16G 18G 20G Jelco Radiopaque	
			Tourniquet With ABS Buckle	
			Alcohol Prep Pad/Swab	
			PE Tape 2.5cmx5m	
			Would/Burn Equipment	
			Burnshield 10x10 cm	
			Israeli bandage 6" - Modular	
			Sterile Gauze Pads (5's) 100x100x8ply QuikClot® Combat Gauze Z Fold OR Celox Z-fold Hemostatic Gauze	
			Crepe Bandage 10cm	
			Conforming Bandage 10cm x 4.5m	
			Hyfin Chest Seal Twin Pack	
			Sterile Eye Pad	

			SUT MX NYLON 2/0 RC 3/8 26MM 12x SUT MX NYLON 3/0 RC 3/8 19MM 12x SUT MX NYLON 4/0 RC 3/8 19MM 12x Triangular Bandage Drugs / Medication Ringers Lactate 200ml Sodium Chloride 0.9% 200ml Bag DEXTROSE 5% 200ML ALLERGEX EYE DROPS 15ML Water For INJ 10ml Flexivials Fres Diagnostic equipment Pair Gloves Latex Large - Non-Sterile Penlight w/Pupil Gauge Stethoscope BP Cuff Set Contour Plus Stips Contour Plus Meter Bayers Digital Thermometer Safety glasses	
			Ringers Lactate 200ml Sodium Chloride 0.9% 200ml Bag	
			ALLERGEX EYE DROPS 15ML	
			_	
			·	
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			-	
			_	
			Safety Equipment Scalpel Handle 3 - #10-19 Blade + x5 Surgical Blades Saclin C/S 15	
			200ml Sharps Bin with lid	
			Scissors - General 19cm	
			Scissors - Bandage/Lister 14cm	
			Forceps - Kelly 14cm	
			Forceps - Halstead Curved	
			Other	
			SAM Splint 36" - Rolled	
			Laerdal Stiff Neck Select Cervical Collar	
			Combat Application Tourniquet (CAT)	
			Mylar Blanket Chest Decompression Needle - TPAK 14G, or NAR ARS 14Gx3.25	
2	LV- 005		IFAK (individual first aid kit) Consists of:	\$182.00
			QuikClot®/Celox/Chitogauze Z Fold	
			Olaes/Israeli bandage 6" - Modular	
			Nasopharyngeal airway: size 28 Fr (ID 6.5) + Optilube –	
		(6): 1:	Surgical Lubricant 2.7g	
		1-1	Guedel Airway size 4 - Red (100mm)	
			Pair Gloves Nitrile Large - Non-Sterile	
			Combat Application Tourniquet - CAT/SOFTT	
			Hyfin Chest Seal Twin-pack vented	
		<u> </u>	L	

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'		Scissors - General 19cm	
	!	Mylar Blanket	
	!	Geckogrip/Adhesive Roll	
	!	NAR Compressed Gauze	
]	!	Pouch - locally manufactured	
	!		+
20.0	!		
Med- 001	BURNSHELD  CHARLES AND	Burn shield Emergency burn care Size 10 x 10mm	\$2.40
MED -001	The Control of Prints of P	Quick Clot Combat Gauze Sterile, 3 in. x 4 yds. Z-folded, nonwoven gauze with X-ray indicator, and is impregnated with kaolin, an inorganic mineral that activates Factor XII, which in turn accelerates the body's natural clotting ability.  This bleeding control solution creates a robust clot to control bleeding fast potentially giving you more time to attend to other tasks as you move patients through the continuum of care.	\$79.00
MED -008	CHICGADE NA PRO	Prometheus ChitoGauze® XR Pro conforms to a wide range of wound profiles, allowing easy wound packing and rapid control of bleeding	\$69.00
MED -002	<del> </del>	OLAES Modular Bandage	\$59.00
-002	CLASS MODIL AR BANDAGE	Elastic wrap with built in 'Control Strips' to prevent	\$38.00
		inadvertent unravelling.	
		3 meters of sterile 4 ply gauze	
		Plastic occlusive sheet included in dressing pocket Transparent pressure cup that focuses pressure on the wound site and allows for visual	
MED -003	yrın Vent	HyFin Vent Chest Seal Twin Pack	\$25.00
	And the second s	Twin Pack from North American Rescue Providing two vented chest seals in one package for treatment of both entry/exit or multiple penetrating injuries to the chest. The 3-vent channels allow blood to escape and provide a fail-safe system, as even if two of the three channels become obstructed, the vent will remain operational. Easy-to-open foil pouch	

MED -004		Combat Application Tourniquet  The patented C-A-T® is a true one-handed tourniquet proven to be 100% effective by the U.S. Army's Institute of Surgical Research.  Tests proved that the CAT completely occluded blood flow of an extremity in the event of a traumatic wound with significant haemorrhage.  The Gen 7 CAT utilizes a durable windlass system with a patented free-moving internal band providing true circumferential pressure to the extremity. Once adequately tightened, bleeding will cease, and the windlass is locked into place. A hook and loop windlass retention strap is then applied, securing the windlass to maintain pressure during casualty evacuation. The patented Combat Application Tourniquet® (C-A-T®) featuring the proprietary red tip design and the mechanical advantage of a band within a band has been the Official Tourniquet of the U.S. Army since 2005	\$56.00
MED -007	Missin, III	Disposable scalpels  MS-IO	\$2.00
MED -011	CONTROL THE BANDAGE WIN	Control Wrap – 4 Inch Bandage  Just as in our OLAES® and BLAST® Bandages, we incorporate a series of brakes into each elastic bandage. These brakes prevent accidental un-rolling during application. The brakes also provide grip surfaces during the wrapping process and assist in maintaining the desired pressure and position of the bandage. This is extremely helpful when changing angles during the wrapping process or if bandaging awkward injuries.	\$3.75
MED -012	opfilube Librarion Judy 2.7ge (STREET) AND STREET OF STR	LUBRICATING GEL SACHETS – 2.7g 2.7g sachets Water Soluble	\$0.25
-013		NASOPHARYNGEAL AIRWAY 28F WITH LUBRICANT SIZE 6.5  The Nasopharyngeal Airway 28F with Lubricant is dependable, efficient, comfortable, and secure.	\$5.64

MED	<del></del>		1
-014	WASARA CHOT MAI	RUSSELL CHEST SEAL VENTED	\$37.10
	Cite des des All Senson	Fast, easy, and intuitive to apply	
		Patented hydrogel base – sticks and stays stuck!	
		4 Large peripheral apertures allow drainage of air and blood	
MED		Sharps Container:	
-005		Clear container for fill-level monitoring	\$6.49
		Holds up to 6 needles	
MED -015	<b>1</b>	POCKET MASK - RESUSCITATION & CPR	\$8.55
		HIGH efficiency and low resistance one-way valve minimize the possibility of cross-contamination 15 mm O.D. connector can be attached to any standard ventilation and oxygen equipment Mask is reusable and easy to clean	
MED -010	Company of the compan	POCKET BVM™ BAG VALVE MASK  Compact adult, single-use, disposable BVM that reduces storage space by up to 75% of traditional BVM's Quick to deploy and does not need to be manually inflated prior to use Includes a textured grip to reduce slippage from a gloved hand Comes with 6 ft 6 in. of oxygen tubing for delivering supplemental oxygen when available Compact and collapsible BVM in an olive green rugged, hard plastic, twist-top case	\$83.13
MED			¢20.20
-009	THE COURT OF THE C	TPAK – Chest Decompression Needle (14G)  ONLY FOR USE BY AEA, ECT, ECA, ANT & ECP – PROOF OF QUALIFICATION WILL BE REQUIRED	\$28.20
1455		Gloves Sterile / Pair	\$0.61
MED -006		Single pair, diff sizes	

**Upfront payment is required on all equipment.** All above prices exclude shipping, clearance, delivery, duties and taxes.