

# NEW



# RAPIDSTOP® TOURNIQUET



MILITARY

RESPONDER

TRAINING



## INTUITIVE. STRONG. LIFESAVING. WORLD'S FASTEST TOURNIQUET.

The RapidStop® Tourniquet is an award-winning, rapid application tourniquet that maximizes the chances of survival. Developed at MIT and perfected by EMS, military and industry specialists. RapidStop® represents a hemostatic solution with military-grade ruggedness, all age suitability, superior single-handed application and the fastest average occlusion time.



MILITARY / TACTICAL



FIRST RESPONDERS



HIGH-RISK INDUSTRIES



EXTREME SPORTS

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## INTUITIVE.

Fast and easy single-handed self-application are paramount to a tourniquet's effectiveness in any environment. RapidStop® stands out from the competition as one of the few tourniquets that exceed these life-saving requirements utilizing key patented and proprietary technologies.

## STRONG.

Made in America and built tough to military standards. The patented ratchet lever technology is made from the same polycarbonate used in the F-22 jet fighter canopy. The tourniquet's band is made from high-strength nylon webbing rated to a two-ton breaking point. RapidStop® has constructed the tourniquet to endure extreme temperatures and resist corrosion, ensuring it stands true in the toughest of conditions.

## LIFESAVING.

Easy as 1-2-3. Three quick and simple steps set RapidStop® Tourniquet apart from the competition. Clear instructions enable an untrained user to apply the tourniquet with speed and reliability. Integrated instructions on the RapidStop® Tourniquet are stitched on as weather-resistant waterproof vinyl tags. Pocket-sized instruction cards make learning and becoming familiar with the RapidStop® easy.





**RS**  
RAPIDSTOP®  
TOURNIQUET

# SPECIFICATION SHEET

Ratchet mechanical advantage of 8:1; Easier and quicker to achieve high compression forces, particularly necessary for application on upper leg (thigh)

Simple, rapid application around trapped limbs: with just gross motor skills, the RapidStop® Tourniquet Quick-Clasp can be detached and reattached for application around a trapped limb - no dexterous strap routing required. 'QUICK-CLASP' can be opened and closed easily even when wearing gloves

Intuitive product-integrated application instruction on Label (Step 1)



TIME RECORD LABEL LOCATED BEHIND D-RING STRAP, BELOW QUICK-CLASP

Large, rugged D-ring 2" width x 1.5" height makes it simple and quick to grasp

- Instantaneous one-handed cinch vastly improves time to occlusion in all application scenarios. Easy and quick to apply; requires no stabilizing hand and supplies a **mechanical advantage of 2:1** prior to effecting tightening mechanism [NOTE: a poorly-performed initial cinch is a typical cause for a tourniquet application failure.]

Patent No. 10,568,636		
		<b>FDA</b> Registered
Other Patents Pending: <a href="http://www.rapid-stop.com/pat">www.rapid-stop.com/pat</a>		



LEVER

Intuitive product-integrated application instruction on Lever (Step 2)

RATCHET

STRAP

Minimum 600N tensile strength: 200N is typically the largest tensile force needed in a tourniquet to fully occlude blood flow in large thigh application; RapidStop® Tourniquet is designed with a minimum 3x factor of safety

RapidStop® Tourniquet is designed for limb sizes circumference from 7" to 33"; this equates to the 1st percentile of female upper arm sizes up to the 99th percentile of male upper thigh sizes; encompassing the vast majority of adult limb sizes

Mil-W-17337 spec; 1.5" wide with 8,000N breaking strength and superior abrasion resistance



TYPE	MILITARY	RESPONDER	TRAINING
PART#	RST100	RST101	RST102
COLOR	BLACK	ORANGE	RED
UPC#	9341394017504	9341394017511	9341394017528
TENSILE STRENGTH	minimum 600N		
PACKAGE SIZE	7.7" Long x 2" Wide x 1.5" High		
WEIGHT	4.5 oz.		
STRAP	Mil-W-17337 : 1.5" width : 8,000N		
LIMB CIRCUMFERENCE	7" to 33"		
RESISTANCE	IMPACT-RESISTANT TO LARGE CRUSHING, BENDING FORCES		

# SIMPLE, INTUITIVE, PRODUCT-INTEGRATED APPLICATION INSTRUCTIONS:

# 1



**PULL D-RING**  
firmly until snug

# 2



**LIFT LEVER**  
repeatedly until  
bleeding stops

# 3



**RECORD time,**  
**WRAP & TUCK**  
excess strap

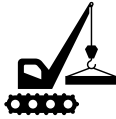
## SUITABLE FOR:



**MILITARY**  
**/ TACTICAL**



**FIRST**  
**RESPONDERS**



**HIGH-RISK**  
**INDUSTRIES**



**EXTREME**  
**SPORTS**



### **PATENTS PENDING**

A suite of inventions position RapidStop® Tourniquet as a market leader in speed and efficacy.



### **AWARD WINNING**

The most promising non-weapon tech at the 2014 MIT Soldier Design Competition.



### **SELF-APPLICABLE**

No need for assistance in applying the RapidStop® Tourniquet. The innovative technology allows for fast self-application.

## QUESTIONS?

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## The RapidStop® Bleed Control Kits have everything you need to save lives, FAST.

This kit includes the patented RapidStop® Tourniquet which represents a hemostatic trauma solution with military-grade ruggedness, all age suitability, superior single-handed application and the fastest average occlusion time. A severed brachial, radial, or ulnar artery, presents a limited window of time before the decreasing blood pressure renders the injured unconscious. Shock can set in even sooner. Achieving full occlusion in the shortest time possible is critical. Faster application means faster stabilization, increasing chances of survival. All the contents are packaged in a durable weatherproof plastic box with a carry handle and wall mount bracket.



### CONTENTS



### STANDARD RSK500 MILITARY / RSK500E EMS

SKU #	PRODUCT DESCRIPTION	QTY
A	AK10W Plastic Gasket Case	1
B	RST100 RapidStop® Tourniquet Military (RSK500)	1
B	RST101 RapidStop® Tourniquet Responder (RSK500E)	1
C	RSC100 Hemorrhage Control Bandage 4in	1
D	AGNPF02 AeroGlove Nitrile Gloves Large 2 pair	4
E	ATB130 AeroPlast Thermal Blanket	1
F	RSC104 RapidStop® Permanent Marker	1
G	USP15 RapidStop® Emergency Trauma Shears	1



### ADVANCED RSK501 MILITARY / RSK501E EMS (+ STANDARD)

SKU #	PRODUCT DESCRIPTION	QTY
H	RSC103 Chest Seal Dressing Vent / 2 pack	1



### PRO RSK502 MILITARY / RSK502E EMS (+ STANDARD & ADVANCED)

SKU #	PRODUCT DESCRIPTION	QTY
I	RSC102 Z-Fold Hemostatic Gauze 3in x 4yd	1



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