



INTUITIVE. STRONG. LIFESAVING.

DESIGNED TO WORK, **FAST.**

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 haemostatic solution with military-grade ruggedness, all age suitability, superior single-handed application and the fastest average occlusion time.

FASTEST
TO APPLY

U.S. PATENTED
TECHNOLOGY



MILITARY



FIRST-RESPONDER



TRAINING

POWERED BY



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 any 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.

A trauma solution isn't
supplementary to first aid
— it's essential.



MILITARY / TACTICAL

Rugged, reliable and quick features make the RapidStop® ideal for military use in high-stress trauma situations where application time is critical. Single-hand self-application ensures fast application and a proprietary clasp mechanism prevents premature release. The lightweight tourniquet also packs flat for easy personal carry.



FIRST-RESPONDERS

RapidStop® is the one-size-fits-all tourniquet for Police, Fire and EMTs. Our proprietary technology ensures fast, easy application in emergencies, with the one device providing rapid occlusion for both adults and children eliminating the need for multiple devices or extra training.



HIGH-RISK INDUSTRIES

Regardless of the industry, RapidStop® is an essential life-saving device that offers maximum efficacy when it's needed the most, and with minimal training required. Every high-risk activity from farming to manufacturing has a threat of severe injury. RapidStop® prepares the workforce for when the worst happens.

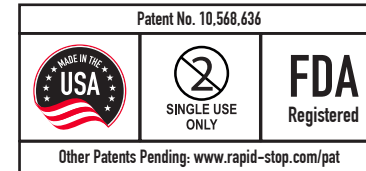


EXTREME SPORTS

The risks of acute trauma due to accidents are real, making the RapidStop® Tourniquet an essential piece of equipment for the outdoor adventurer. The slim, lightweight design makes a small addition to a kit, but with significant effects in an emergency.

IF YOU NEED RapidStop®,
YOU NEED IT FAST!

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.



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.





SPECIFICATION SHEET

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

RATCHET

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

QUICK-CLASP

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

LABEL



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

D-RING

Large, rugged D-ring 5.1cm / 2" width (3.8cm / 1.5" height) makes it simple and quick to grasp

LEVER

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

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 17.8cm / 7" (83.8cm / 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; 3.8cm / 1.5" wide with 8,000N breaking strength and superior abrasion resistance

STRAP



- 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

MADE IN THE USA

SINGLE USE ONLY

FDA Registered

Other Patents Pending: www.rapid-stop.com/pat

TYPE	MILITARY	FIRST RESPONDER	TRAINING
PART#	RST100	RST101	RST102
COLOR	BLACK	ORANGE	BLUE
UPC#	9341394017504	9341394017511	9341394017528
TEMPERATURE RANGE	-50c to + 50c (-58f to +122f)		
TENSILE STRENGTH	minimum 600N		
PACKAGE SIZE	19.56cm long x 5.1cm wide x 3.8cm high (7.7" long x 2" wide x 1.5" high)		
WEIGHT	127.6g (4.5oz)		
STRAP	Mil-W-17337 ; 3.81cm width ; 8,000N		
LIMB CIRCUMFERENCE	17.8cm to 83.8cm (7" to 33")		
RESISTANCE	IMPACT-RESISTANT TO LARGE CRUSHING, BENDING FORCES		



DESIGNED TO WORK, FAST.

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



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CONTACT

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