



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

Quickly informs EMERGENCY RESPONDERS of the length of time in which the tourniquet had been applied to further assess the injury

TIME RECORD

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

D-RING

LEVER

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

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

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

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

TYPE	MILITARY	RESPONDER		TRAINING
PART#	RST100	RST101	RST103	RST102
COLOR	BLACK	ORANGE	RED	BLUE
UPC#	9341394017504	9341394017511	9341394019492	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

SUITABILITY



MILITARY / TACTICAL



FIRST RESPONDERS



HIGH-RISK INDUSTRIES



EXTREME SPORTS

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PATENTS PENDING

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



SELF-APPLICABLE

No need for assistance in applying the RapidStop® Chest Seal. The innovative technology allows for first time user-friendly application.



AWARD WINNING

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