

SPECIFICATION Sheet

RATCHET

QUICK-CLASP

LABEL

D-RING

TIME RECORD

Ratchet mechanical advantage of 8:1; Easier and quicker to achieve high compression forces, particulary 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

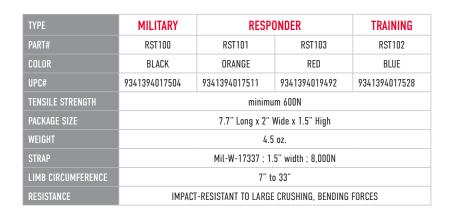
Intuitive product-integrated application instruction on Label (Step 1)

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

Large, rugged D-ring 2"wi x 1.5"h 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.]





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

LEVER

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

SIMPLE, INTUITIVE, PRODUCT-INTEGRATED APPLICATION INSTRUCTIONS:



PULL D-RING firmly until snug LIFT LEVER repeatedly until bleeding stops

RECORD TIME, WRAP & TUCK excess strap

SUITABILITY





MILITARY / TACTICAL

FIRST RESPONDERS

HIGH-RISK INDUSTRIES

IFS EXTREM



EXTREME SPORTS



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

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

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

CONTACT

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