



The 21st Century Tactical Handcuff



**Automated Safety,
Easier and
49% Less Force**

Everybody Loves SpiderCuff!

SIMPLY REVOLUTIONARY

The 21st Century Handcuff

“Does the job of two or three traditional restraints”



AUTOMATED SAFETY eliminates LIABILITY via **AUTOMATIC DOUBLE LOCK (ADL)**

Eliminates liability from operator errors by instantly upon deployment triggering the **ADL** at “SAFE*” pressure – no more injuries from overly tight handcuffs. *See GTD Scientific Study

49%* REDUCTION IN FORCE

*See University of Massachusetts Study

EVERYONE WINS

- Easier, Faster, and Safer for Officers to deploy
- Automated Safety and Reduced Force – deescalate a known trigger of resistance
- Fewer Injuries to Operators and People in Crisis
- Large People, those with Injuries or Disabilities are addressed
- Looks better on camera

HUMANE *Arms at the side deployment* is easy, reducing force,* eliminating physical stress, and solving the problem of deploying a second handcuff for large individuals or those with injuries.

SUPERB ERGONOMICS

KEYHOLES on BOTH SIDES

PUSH-BUTTON TRIPLE LOCK

REDUCED OVERRIDES

PASSED ALL NIJ TESTS

SIMPLE and FAST

LIGHT WEIGHT

Everybody Loves SpiderCuff!

See the future of handcuffs at SpiderCuff.com

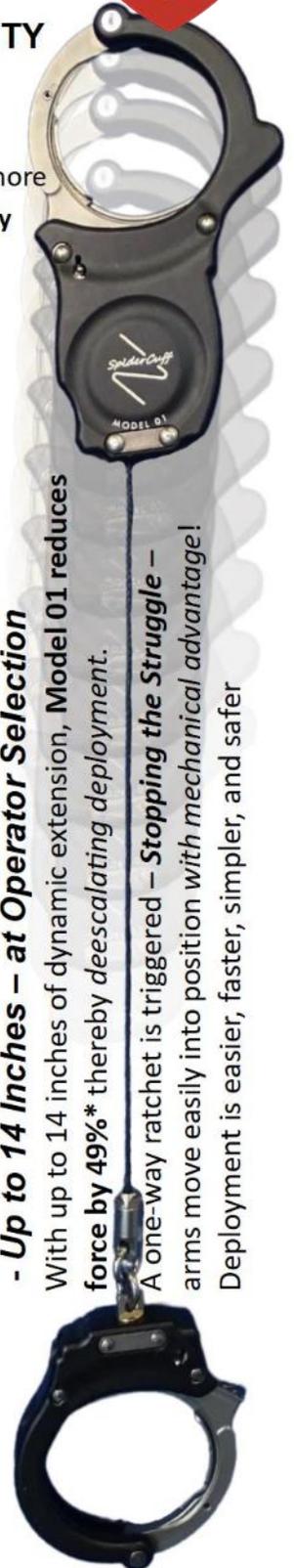


***REDUCED FORCE via DYNAMIC EXTENSION (DE)**

- Up to 14 Inches – at Operator Selection

With up to 14 inches of dynamic extension, Model 01 reduces force by 49%* thereby deescalating deployment.

A one-way ratchet is triggered – **Stopping the Struggle** – arms move easily into position with mechanical advantage! Deployment is easier, faster, simpler, and safer



REVOLUTIONARY RESTRAINTS

What is the *SpiderCuff*?



The 21st Century tactical handcuff with innovations of true safety* and new functionality benefitting officers & detainees, whether cooperating or resisting.

- **Automatic Double Lock (ADL)** is the first "Safe*" handcuff that will not overtighten.
 - "only the SpiderCuff has a built-in mechanism, the automatic double lock, which prevents the handcuff from being tightened beyond the injury risk threshold"
 - This *greatly* simplifies the process, eliminating liability to the officer and their agency.
- **Dynamic Extension (DE)** of ~14 inches revolutionizes the handcuffing process, making it faster, simpler, easier and less forceful for Officers, and "**more humane**" for Detainees.
 - Reducing force by 49%** , can de-escalate a "flash point" that has triggered lawsuits and may substantially reduce confrontation.
 - The "Multi-Cuff Problem" is now solved safely, easily, and with far less force.

*GTD Scientific Studies., ** UMass Study.

There are numerous advantages for the officer and for those in need of restraint whether they comply, resist, are of large stature, or are handicapped.

For Law Enforcement Officers,

1. Reduced Force
2. Increased Safety
3. Range of Deployment
4. Diminished Confrontation
5. Ergonomic Grip - Ease of Use
6. Simpler Process Speeds Deployment

For the "Person in Crisis,"

1. Reduced Force
2. Increased Safety
3. Ease of Compliance
4. Reduced Confrontation
5. Speed & Safety if Resistant

Those of Large Stature/Handicapped encounter,

1. Reduced Force
2. Reduced Stress
3. Ease of Compliance
4. Accommodation of their condition

Bystanders observe,

1. Reduced Force
2. Ease of Deployment
3. Reduced Confrontation

Compare the SpiderCuff with traditional cuffs, and you will conclude...
our innovations provide you with a superior tool with better tactics and optics.

Info@spidercuff.com (413) 781-9001 | SpiderCuff.com

Everybody loves SpiderCuff

The 21st Century Handcuff

How could you and your agency benefit with *SpiderCuff*?

OFFICER SAFETY Although most deployments are not resistant, it's when things go sideways that injuries, and even deaths have occurred. Innovations that serve to 1.) Minimize Confrontation then 2.) "Stop the Struggle" is where Model 01 is a revolutionary advance from traditional handcuffs.

DEESCALATION When minimal force can be employed — everyone wins! *SpiderCuff's* unique ability to **Reduce Force** addresses concerns of the public and is also a "win" for Law Enforcement.

MINIMIZE LIABILITY Proactive adoption of equipment that research shows is Safer and Reduces Force puts you and your agency ahead of litigators who will ask...

"Why didn't you use "Safer" and "Less Forceful" equipment to avoid injury to my client?"

PUBLIC RECOGNITION Adopting a "***More Humane***" restraint is a smart way to show critics that your agency is listening and responding when real, sensible, verified solutions are available to A.) Reduce Force, and B.) Increase Public Safety.

**Independent Research
Confirms Breakthroughs...
Historic Increases
in Safety and
Reduction in Force**



A Comparison Between Different Handcuff Configurations

Michael A. Busa
mbusa@umass.edu

Katherine Colfer
kcolfer@umass.edu

Ramzi Majaj
rmajaj@umass.edu

University of Massachusetts Amherst, MA, USA

Disclosure Statement by the Authors: The results and findings represented here are based upon independent research conducted by the study author(s); these findings do not represent endorsement of a specific product or service.



ISSN: 2090-2697
Journal of
Forensic Biomechanics

OPEN ACCESS Freely available online

Research Article

Preventative Measures to Reduce Incidence of Handcuff Neuropathy

Geoffrey T Desmoulin¹, Marc-André Nolette¹, Theodore E Milner^{1,2}

¹GTD Scientific Inc., North Vancouver, Canada; ²Department of Kinesiology and Physical Education, McGill University, Montreal, Canada



ISSN: 2090-2697
Journal of
Forensic Biomechanics

OPEN ACCESS Freely available online

Research Article

Handcuff Pressure and Risk of Superficial Radial Nerve Injury

Geoffrey T Desmoulin¹, Olivia Hetland¹, Benjamin W Hollins¹, Theodore E Milner^{1,2}

¹GTD Scientific Inc., North Vancouver, Canada; ²Department of Kinesiology and Physical Education, McGill University, Montreal, Canada

For more information and to purchase,
go to www.SpiderCuff.com.

Email: Sales@SpiderCuff.com

(413) 781-9001

