

# ARS

## Anderson *Rescue Solutions LLC*



### Catalogue 1

# Innovation Meets Reality



**re-al-i-ty, NOUN,** "The world or the state of things as they actually exist, as opposed to an idealistic or notional idea of them."

ARS products are mission driven to work in the world as it is, not as we might like it to be. Designed by experienced operators in high threat non-linear environments, our gear thrives when conditions reach their most complex; where human performance meets its greatest test. By building simplicity, efficiency, and flexibility into every tool we engineer, we enable high risk professionals to best perform their jobs. **Anderson Rescue Solutions: tools to thrive in your reality.**

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# Magnapulleys



The Patent Pending Magnapulleys offer a revolution in equipment flexibility, providing a Double Sheave Pulley that splits apart into two Single Sheave Pulleys, drastically reducing the hardware necessary for work and rescue rope systems. This flexibility is a great advantage to small teams who have to travel or climb a great distance to their work site (Mountain Rescue, Military/Tactical, Work at Height, Arborist, Etc.) and need to strip down their kit to the minimum. Held together by four ultra strong Neodymium Magnets embedded in the back plate, the Magnapulleys make a clean set of Double Pulleys. When split apart for use as Single Pulleys, the magnetic characteristic provides the added advantage of attracting to metal, a benefit for hands free manipulation on antenna towers, maritime access missions, etc.

## TECHNICAL INFORMATION:

- Machined and Stamped from 7075 Aluminum
- Max Rope Diameter: 7/16", 11mm
- Sheave Diameter at Center: 1"
- Single Pulley 3 Sigma Strength Rating: 28kN
- Double Pulley 3 Sigma Strength Rating: 40kN
- Weight: 8oz



# Multi-Loop Rescue Strap



The Multi-Loop Rescue Strap is an innovative product for rapidly harnessing victims in high stress environments. The simple design has been developed with great attention to detail, every feature fine tuned to meet the needs of rescuers working in low visibility, low dexterity, and high stress. When you need to get them out fast, choose the ARS Multi-Loop Rescue Strap.

## SPECIFICATIONS

- One continuous loop of one inch tubular webbing
- 7 feet in length
- 11 individual loops
- Reinforced end loops for orientation and easy handling
- Integrated central rigging ring or carabiner
- Compact size allows strap to be carried in the rescuer's pocket

## MLRS Breaking Strengths:

- Basket (12,700 lbf)
- Choker (7,400 lbf)
- End to End (7,700 lbf)
- Pocket (1,600 lbf)
- Ring/Inverted U (6,100 lbf)

There are two versions of the MLRS, one with an integrated rigging ring and one with a carabiner. The carabiner is the Rock Exotica Pirate WireEye Screw Gate. This unique connector is a strong (26KN) and light weight (2.9OZ) aluminum carabiner that also features a one-of-a-kind spring loaded lanyard connector. This provides the benefits of a lanyard pin by keeping the carabiner in the ideal orientation for the load, but also the flexibility to easily remove the carabiner for another application. The carabiner MLRS option is ideal for rescuers who want the immediate rigging/attachment option of an in place carabiner.

The rigging ring is an ultra strong (32KN) aluminum ring that creates an easy to find central rigging point. Its low profile and weight is ideal for technical rescuers who want to reduce bulk and may have additional carabiners available at the rescue incident.

## AVAILABLE COLORS





# MLRS Rapid Deployment Bag



The Rapid Deployment Bag (RDB) is the perfect platform to carry the ARS Multi-Loop Rescue Strap. Utilizing a magnetic closure, the unique design of the RDB enables one-handed deployment of the MLRS to quickly place the strap in service in the most stressful environments, be they on the fireground, at a technical rescue, or a tactical event. The RDB prevents the operator from having to dig through a pocket for the MLRS; just pull and go.

There are three versions of the Rapid Deployment Bag. The Fire/Rescue RDB includes reflective striping, an accessory loop, and the ability to mount the bag vertically or horizontally on an SCBA strap, truck belt, or RIT pack. It is also ideal for a class three harness.

The Water Operations RDB is a mesh design to facilitate drainage when mounted on a PFD or Rescue Boat. It is slightly larger to facilitate repacking the Multi-Loop Rescue Strap when wet.

The Tactical RDB facilitates mounting the Multi-Loop Rescue Strap on a MOLLE compatible plate carrier, bag, or other platform. The Tactical RDB is available in Black, Multicam, and OD Green.

All versions, except the Fire/Rescue, include a 2x3" patch of loop Velcro on the front of the RDB to accommodate a patch. There are two "RS" rescue strap patches available to assist in identifying the role of the Multi-Loop Rescue Strap, including Black over Tan and Black over Red.



## — RDB OPTIONS —



Optional Velcro "Rescue Strap" patches for Tactical RDBs





# Breakout Rope Bag

The patented Breakout Rope Bag is the most versatile Rope Bag on the market, designed to provide the operator the ultimate in rigging flexibility and rope deployment. With true double-ended construction, users can rig efficiently out of both ends without fear of rope binding. The Breakout Bag also opens completely from top to bottom, allowing access to the center of the rope or enabling the user to "escape" the bag even with rope deployed from both ends. These unique features provide limitless rigging options and create a bag that works for you and not against you.

## SPECIFICATIONS

- 900D Cordura Nylon
- Ripstop Nylon Ends with Drawstrings
- Hinged Bottom Cap with Secure G Hooks
- Padded Back Panel and Shoulder Straps
- Full Length Velcro/Zipper center closure
- Exterior Daisy Chains and Tow Loop

## COLORS

- Red
- Blue
- Orange
- Black
- Multicam (200' only)

## SIZES/STYLES

- 200'
- 200' with Pockets
- 300'
- 300' with Pockets

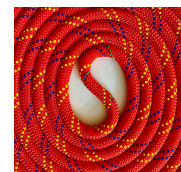
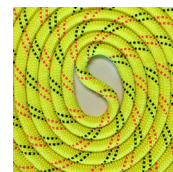
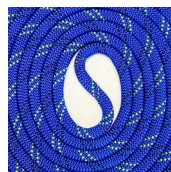


## BICOLOR ROPE

BiColor Rope features the same base sheath color, but the tracer pattern changes at the midpoint, both identifying the center of the rope and enabling the user to differentiate between separate ends when utilizing both for different aspects of an operation. Used by climbers for years, BiColor is new to Technical Rescue and a perfect compliment to our double-ended Breakout Rope Bags. We teamed up with Sterling Rope Company to produce custom 1/2" BiColor Ropes in Sterling's SuperStatic2 platform available exclusively through ARS.

## AVAILABLE LENGTHS/COLORS

- | 200'     | 300'   |
|----------|--------|
| ▪ Blue   | ▪ Blue |
| ▪ Yellow | ▪ Red  |





# Fireground Special Operations (FSO) Rope Bag



The Fireground Special Operations (FSO) Rope Bag is purpose-built from the ground up for the demands of rope operations at Structural Fires that are often completed in high stress, low dexterity, and low visibility environments. Designed with the same double-ended, fully opening benefits of the Breakout Rope Bag, the FSO Bag is configured specifically for firefighting related rope operations, such as wide area search, emergency roof top rescue, and RIT/Firefighter Rescue scenarios. Available bag only or in two pre-made kits detailed below.

## BAG FEATURES INCLUDE:

- Dual Roll Shoulder Strap/Anchor Strap with "G" rated aluminum carabiners
- Two side pockets for tools, accessories, or branch line storage
- Two removable and easily distinguishable end caps provide access and rope deployment by either opening the cap or directly through the cap itself. Marked "A" for anchor and "Line" for life to enable the operator to distinguish the bag ends.

## FIREFIGHTER RESCUE & SEARCH KIT



The FSO Firefighter Rescue & Search Kit is designed as a one-stop shop for rope related RIT/FAST operations including wide area search and emergency lift or lower maneuvers.

## ROOF OPERATIONS KIT



The FSO Roof Operations Kit is designed to facilitate last-ditch rescues of civilians or firefighters who are trapped at height and out of reach of ground or interior based rescue options.





# Tactical



ARS products are all designed with two key attributes in mind: they must thrive in high stress environments and they must provide unparalleled equipment efficiency to the operator. Because of these stringent design parameters, the Tactical adaptations of the ARS product line have been accepted by Law Enforcement and Military personnel around the world.

## TACTICAL PRODUCT LINES

- **Multi-Loop Rescue Strap:** The ultimate simplistic tool for extricating casualties in high stress environments, be they operators or civilians. (Red, Black, OD Green, Coyote)
- **Tactical Rapid Deployment Bag:** MOLLE compatible magnetically closed pouch for instant MLRS deployment. (Black, Multicam, OD Green)
- **Breakout Rope Bag:** The most efficient rope bag available, enabling rope deployment from the top, bottom, or center of the bag for endless access or evacuation rigging options. (Black, Multicam)
- **Magnapulleys:** A double sheave pulley that splits apart into two single sheave pulleys, providing the ultimate in hardware efficiency for a light and fast deployment model. (Black)



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**Anderson Rescue Solutions LLC**



All ARS products are proudly made in the USA.

Soli Deo Gloria