



### Harnesses

Page 8



### Lanyards and Fall Arrestors

Page 30



### Anchorage

Page 44



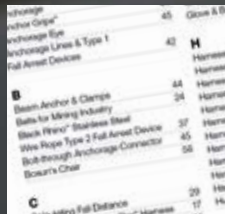
### Engineered Systems

Page 66



### Inspection, Maintenance and Storage Guide

Page 78



### Index

Page 79

# Protecting people at work

Miller® is a leading manufacturer of fall protection products providing the very best solutions for a wide range of hazards and industry applications.

# Miller® – setting the standard in range and protection

**Miller® has been delivering solutions to businesses, industries and consumers in Australia and New Zealand since 1962.**

Today, Honeywell employs over 2,100 people in 27 offices across these two countries and with a presence in every State and Territory, we are well equipped to serve the diverse needs of our broad customer base.

Honeywell's global reputation of delivering competitive advantage to our customers through design, implementation and support of cost-effective solutions resonates throughout the region. Our focus is on delivering value to our customers by ensuring our technologies and services are aligned with business processes, objectives and outcomes.

Honeywell Safety Products has the broadest portfolio of leading safety solutions in the marketplace today. Our core mission is to help safety managers build an enduring culture of safety that minimises injuries and maintains a more protective and productive workplace. Miller® is the leading brand in global Fall Protection and Confined Space equipment, which is why it is the first choice for many leading businesses across the globe.

## Testing

Our harnesses and lanyards are tested in accordance with the guidelines of the Australian and New Zealand Standard AS/ NZS 1891.1 2007. Each product is subjected to stringent testing and to a quality assurance program before it is certified to meet the Standard.

The ISO9001 international quality management system accreditation and an on-site National Association of Testing Authorities (NATA) accredited laboratory are additional assurances of you receiving a quality product every time.

## Standards

We actively participate in the Committees that help shape the Australian and New Zealand Standard along with the Workplace Regulations and pride ourselves in our ability to understand and apply them.

Our harnesses and lanyards are manufactured in our Dingley factory in Victoria and are certified in accordance with the requirements of the Australian and New Zealand Standard.

The following Australian and New Zealand Standards are recommended reading references:

**AS/NZS 1891.1 Part 1: 2007**  
Harnesses and ancillary equipment.

**AS/NZS 1891.2 – Part 2: 2001**  
Horizontal lifeline and rail systems.

**AS/NZS 1891.3 – Part 3: 1997**  
Fall Arrest devices.

**AS/NZS 1891.4 – Part 4: 2009**  
Selection, use and maintenance of industrial fall arrest systems and devices.

**AS 2625**  
Safe working in a confined space.

**AS/NZS 4488 (series)**  
Industrial rope access systems.

**Government workplace authorities**  
Worksafe, Worksafe New Zealand.

# Risk assessment and definitions

**Before undertaking any work at height or confined space entry, a risk assessment program should be developed.**

Refer to the Australian Standard's hierarchy of control in AS/NZS 1891.4 as well as your local government's regulatory authority when developing your risk program.

## Controls outline:

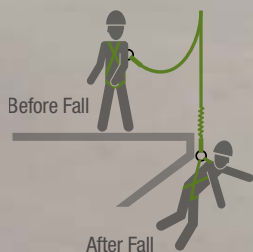
- Identify all of the immediate and potential hazards.
- Eliminate hazards if possible
- If the hazard can not be eliminated, change your working method to avoid exposure to the risk. If exposure to the risk cannot be avoided, use engineering controls to contain or minimise the hazard.
- Fall protection equipment should be provided to prevent a fall, or reduce the severity and/or injury in the event of a fall.

## Fall Protection Definitions

### Fall Arrest

A system whereby a person is safely arrested from a fall by means of personal protective equipment attached to an anchorage point.

The maximum free fall allowable is 2 metres.



### Work Positioning/Restraint Technique/Limited Free Fall

A system which enables a person to work supported in suspension by the use of personal protective equipment in such a way that a fall is partially restrained.



### Fall clearances

The system must be set up in such a way so the worker will avoid striking a lower level surface or obstacle, and be maintained in a position post fall, to ensure an easy and quick rescue.

Each type of fall arrest device will have its own clearance requirements – check AS/NZS 1891.4 for further information (See page 33 for lanyard and fall arrestor fall clearance diagrams).

## Abbreviations

**Dia** Diameter

**FI** Fall Indicator

**kg** Kilogram

**kN** Kilonewton\*

**m** Metres

**mm** Millimetres

**S/S** Stainless Steel

**TAK** Triple Action Karabiner

**UTS** Ultimate Tensile Strength

**UV** Ultra Violet

**S** Small

**M** Medium

**L** Large

**XL** Extra Large

**XXL** Extra Extra Large

\*A newton is the amount of force required to accelerate a body with a mass of one kilogram at a rate of one meter per second squared. A kilonewton = 1000 newtons.





<h2>Fall Arrestors Lanyards Anchorage</h2> <p>Select your industry or specific safety requirement</p>		FALL ARRESTORS								LANYARDS							ANCHORAGES											
Industry		Falcon™ Type 2 Fall Arrest Device	TurboLite™ Type 2 Fall Arrest Device	TurboLite™ Edge Type 2 Fall Arrest Device	Black Rhino™ S/S Wire Type 2 Fall Arrest	Scorpion™ Webbing Type 2 Fall Arrest	Scorpion™ Sharp Edge Type 2 Fall Arrest	DuraSeal™ Self Retracting Lifeline	MightyLite™ Type 2 Fall Arrest Device	MightyEvac™	Sharp Edge Lanyard	Adjustable	Polyester Webbing	Tie Back	Kermantle Rope	Kevlar® Flame Retardant	Stretchable Manyard®	Stretchable	Plastic Coated Wire	Anchor Grips™	Roof Clamp	Roof Anchor	Fix Anchor Point	Manulink™	Ladder Grip	Beam Anchor and Clamps	Webbing Tie off adaptor	Anchorage Lines
Roof Work																				49	49	49		49		50	46	
Tower Work												34	37			34	34	35	37									
Ladder Work												34	37			34	34	35	37									46
Construction		38	39	40	40	41	41	42	42		36	35	34	37	35	34	34	35	37	48		49	49	48	49	48	50	
Scaffolding												35	34	37		34	34	35	37									
Warehouse		38	39	40	40	41	41	42																		48		
Utilities			39	40																	49	49	49					
Welding					40											34	34	35	37							48		
Mining																												
Safety Requirement																												
Confined Space									63																			46
Elevated Work Platform (EWP)		38	39	40	40	41	41	42			35	34	37			34	34	35	37									
Work Positioning												35	34	37	35													46
Static Line Systems																												
Rescue									63																			

# Harnesses



Australian  
Standard  
AS/NZS 1891.1  
SMK 0512  
SAI Global

The Miller® range of harnesses is designed for today's rugged work environments and addresses the needs of different applications and various industries.

Harnesses and lanyards are third party tested and certified (under Licence Number SMK0512) by SAI Global to meet Australian and New Zealand Standard.

## AirCore™ Harnesses

- > AirCore™ Construction
- > AirCore™ Rigger's
- > AirCore™ Tower-Worker
- > AirCore™ Tower-Worker with Soft Loops



Page 14

## Revolution™ Harnesses

- > Revolution™ 2-Point
- > Revolution™ Vest Style
- > Revolution™ Tower



Page 18

## DuraFlex™ Harnesses

- > Maintenance
- > Rigger's
- > Roof Worker
- > Confined Space
- > Glove and Barrier



Page 20

## Polyester Harnesses

- > Construction
- > Contractor Value 2-point
- > Contractor Value Plus
- > Maintenance
- > Rigger's
- > Confined Space
- > Line Worker
- > Tower Worker



Page 22

## Kevlar® Harnesses

- > KMAX.1 Welder's Cross-over Style
- > KMAX Welder's Vest Style



Page 25

## Duraclean Harnesses

- > Duraclean Underground Miner's
- > Amax.2 Miner's Rescue
- > Surface Miner's
- > Work Positioning/Rope Access
- > Lower Body



Page 26

## Belts and Roof Worker's Kits

- > Prospector's Belt
- > Explorer's Belt
- > Miner's Belt
- > Roof Worker's Kits

Page 28

Complete index is available on page 79

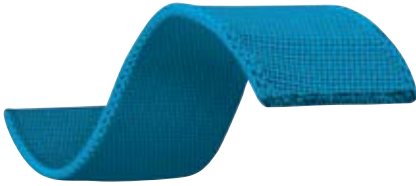


# Harness Webbing

A variety of webbing materials designed for comfort, value and specialised applications.

## Webbing Types

### DuraFlex™



Patented Miller® DuraFlex™ webbing features specially-formulated elastomer that stretches to:

#### Maximise Comfort

DuraFlex™ webbing conforms to the shape of the worker, stretching with every movement, so there is no bunching, binding or kinking.

#### Improve Safety

With comfort unsurpassed, DuraFlex™ webbing offers wider end-user acceptance – enhancing compliance and safety on the job-site.

#### Increase Productivity

Because DuraFlex™ webbing is stretchable, the worker has greater mobility and reduced fatigue resulting in increased worker productivity, unsurpassed worker comfort and therefore wider acceptance.

DuraFlex™ webbing is available in Black, Blue and Patterned Green

### DualTech



Patent-pending DualTech webbing offers a soft, textured inside and a durable polyester outer material.

Webbing engineered with shape retention memory for a more comfortable fit. Unique circular tack provides greater strength, and the contrasting colours makes inspection easier.

### Duraclean



Duraclean special webbing is designed for use in harsh working environments where workers are exposed to dirt, grime and water.

An applied coating forms an invisible protective barrier preventing water, oil and dirt absorption - prolonging the life of the harness and making it easier to clean.

Duraclean webbing also offers additional abrasion resistance in comparison to standard polyester webbing.

### Polyester



Polyester webbing is heavy duty, light-weight yet extremely strong without compromising user comfort.

It has excellent U.V resistance. Its bright colour and high visibility make inspection and monitoring worker compliance easier.

### Kevlar®



Kevlar® webbing has a very high degradation point that is significantly above traditional Nomex blended webbing. Kevlar® will not burn or pit when exposed to welding splatter and will not melt or burn like Nomex.

Kevlar® offers improved cost benefit due to its:

- Superior tensile strength
- Elongation to break
- Low electrical conductivity
- High cut and flame resistance – self-extinguishing
- Kevlar® is also soft to touch and comfortable to wear.





# Harness Fitting Instructions

Correct fitting, use and maintenance will ensure years of safe, trouble-free operation. Follow these simple steps as a part of your routine.

**Inspection** Refer to AS/NZS 1891.4 Section 9 for more detailed information



Check the labels for the harness serial number and ensure the serial number is legible and the date for withdrawal has not passed.



Run your hands along each piece of webbing looking for cuts, abrasions, burn marks or deterioration. Check sew patterns looking for cuts, broken threads, heat damage and stretching.



Check the harness hardware including d-ring and buckles for distortion, cracking and damage.

## Fitting Cross-over Chest Style Harness



**1** Remove harness from packaging. Hold the back d-rings and gently shake harness so all straps fall into place.

**2** Unbuckle leg and chest strap buckles – lift the top plate to align with the bottom plate slot and guide plate through.

**3** Insert arms up through the harness.

**4** Slip harness over the head (like a jumper). Position the frontal d-ring in the middle of the chest and rear d-ring between shoulder blades.

**5** Pull the harness down the body to position the leg straps.

**6** Pull left leg strap between legs and fasten with corresponding buckle.

Repeat on right leg strap. Don't cross straps between legs. Ensure a snug unrestrictive fit.



## Fitting Vest Style Harness



**1** Remove harness from packaging. Hold the back d-ring and gently shake harness so all straps fall into place.

**2** Unbuckle leg and chest strap buckles – lift the top plate to align with the bottom plate slot and guide plate through.

**3** Slip harness over the shoulders (like a vest) ensure the d-ring is located in the middle of the back between the shoulder blades.

**4** Fasten chest strap buckle.

**5** Fasten waist belt buckle.

**6** Pull left leg strap between legs and fasten with corresponding buckle.

Repeat the process with the right leg strap. Do not cross straps between legs. Ensure a snug unrestrictive fit.

## Adjustment

### Fastening



Tilt buckle, align with the slot and guide plate through.

### Tightening



Feed webbing through the buckle. Secure by moving the keeper.

### Loosening



Move the keeper up the strap and reposition buckle for more room.

### Shoulders



Tilt the keeper, and whilst holding onto the top piece of webbing underneath, move the keeper up the webbing.

### Waist



For harnesses with waist straps, pass the excess webbing through the keeper to secure.

### Legs



The slide keepers on the leg straps should be positioned to the front. Make sure the leg straps are not twisted.

## Buckles

### Push-through Buckle



To connect the push-through buckle, push the centre bar buckle completely through the square link and allow it to fall into place. Pull web end to tighten.

### Quick Connect buckle



The interlocking quick-connect buckles on belts, chest and leg straps are similar to seat belt buckles. These easy to use buckles feature a dual-tab release to prevent accidental opening.

### Cam buckle



Cam buckles on shoulder straps enable easy, single handed operation. The user can easily and quickly adjust or release both straps simultaneously.

# Miller® AirCore™ Harnesses A New Standard in Comfort and Safety

The new Miller® AirCore™ harness combines the latest breathable open-core padding technology with light-weight aluminium hardware and DuraFlex® stretchable webbing to provide workers with the ultimate in comfort, safety and performance.

AirCore™ is the perfect solution for warm, hot, or humid environments, and for jobs that are physically demanding or require long periods of wear-time.





## Harness Features

- 1** D-rings on the Front, Back and Side
- 2** Quick-Connect Buckles on Legs and Waist
- 3** Rear Stand-up d-ring
- 4** Breathable Open-core Padding on Back, Waist and Legs
- 5** Label Pack with Lanyard Parking Ring
- 6** Highly Visible DuraFlex™ Webbing  
Stretchable, comfortable webbing with an easily identifiable distinctive vibrant pattern.
- 7** Quick and Easily Adjustable Cam Buckles  
Unique light-weight Aluminium cam buckles on the shoulder straps make adjustment of the vertical webbing quick and easy.
- 8** Black Polyester Webbing  
Water repellent Duraclean webbing.
- 9** Quick-connect Chest Buckle  
Heavy duty 18kN Quick Connect Buckle made from light-weight aluminium.

## Comfortable Padding

Workers are kept drier and cooler with AirCore™ breathable, open-core padding.



The ergonomic design reduces body contact by 16%\* around the neck, lower back and inner thighs – reducing chaffing and irritation, improving airflow and reducing heat and moisture entrapment.

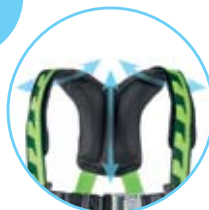
\*Compared to other harness padding on the market.



Breathable



Airflow



## Light-weight Construction

Light-weight materials and aluminium components makes the AirCore™ harness significantly lighter than most harnesses in the market with aluminium hardware.

The lighter AirCore™ harness reduces fatigue, improves comfort and consequently increases compliance, safety and productivity.

## Stretchable, Durable, Webbing



DuraFlex™ webbing flexes to accommodate movement and body contours for optimum comfort and reduced fatigue. Its abrasion resistant properties increases durability.



Miller® AirCore™ Harnesses are certified to Australian and New Zealand Standard AS/NZS 1891.1 2007.

# AirCore™ Harnesses

Light-weight full-body harness is designed with breathable, open-core padding technology providing optimal air flow, while reducing heat and moisture.



## AirCore™ Construction



- > Light-weight harness reduces fatigue and improves productivity
- > Quick operating cam buckles on the shoulder straps make vertical webbing adjustments easier than any other harness
- > Quick-connect leg and chest buckles for easy donning
- > Quick-connect leg and secure heavy-duty 18kN chest buckles
- > Frontal d-ring & stand-up rear fall arrest d-ring with fall indicator

SPECIFICATIONS		
<b>MATERIAL</b>	Stretchable DuraFlex™ Webbing	
<b>HARDWARE</b>	Aluminium	
<b>WEIGHT</b>	1.8kg	
<b>FALL ARREST POINTS</b>	✓ Front	✓ Rear
<b>BUCKLES</b>	✓ Cam	✓ Quick Connect
<b>OTHER ATTACHMENT POINTS</b>	✓ Confined Space	× Tool
<b>ADJUSTABLE STRAPS</b>	✓ Chest ✓ Legs	✓ Shoulder × Buttocks
<b>PADDING</b>	✓ Legs	✓ Back
PART NO		
<b>M1020218</b> S	<b>M1020219</b> M/L	<b>M1020220</b> XL/XXL



## AirCore™ Rigger's



- > Light-weight components reduce fatigue, increasing productivity
- > Quick operating shoulder cam buckles for vertical adjustment
- > Quick-connect leg and secure heavy-duty 18kN chest buckles
- > Frontal d-ring and rear fall arrest d-ring with fall indicator
- > Work positioning side d-rings for working with pole straps
- > Confined space loops for attachment to spreader frame

SPECIFICATIONS			
<b>MATERIAL</b>	Stretchable DuraFlex™ Webbing		
<b>HARDWARE</b>	Aluminium		
<b>WEIGHT</b>	2.3kg		
<b>FALL ARREST POINTS</b>	✓ Front	✓ Rear	
<b>BUCKLES</b>	✓ Cam	✓ Quick Connect	
<b>OTHER ATTACHMENT POINTS</b>	✓ Confined Space	✓ Pole Straps	
<b>ADJUSTABLE STRAPS</b>	✓ Chest ✓ Legs	✓ Shoulder ✓ Waist	
<b>PADDING</b>	✓ Legs	✓ Back	✓ Waist
PART NO			
<b>M1020221</b> S	<b>M1020222</b> M/L	<b>M1020223</b> XL/XXL	



## AirCore™ Tower Worker



- > Light-weight components reduce fatigue, increasing productivity
- > Quick operating shoulder cam buckles for vertical adjustment
- > Quick-connect leg and secure heavy-duty 18kN chest buckles
- > Frontal d-ring and rear fall arrest d-ring with fall indicator
- > Work positioning side d-rings for working with pole straps
- > Confined space loops for attachment to spreader frame
- > Built-in buttock pad for increased work positioning comfort

SPECIFICATIONS			
<b>MATERIAL</b>	Stretchable DuraFlex™ Webbing		
<b>HARDWARE</b>	Aluminium		
<b>WEIGHT</b>	2.7kg		
<b>FALL ARREST POINTS</b>	✓ Front		✓ Rear
<b>BUCKLES</b>	✓ Cam		✓ Quick Connect
<b>OTHER ATTACHMENT POINTS</b>	✓ Confined Space		✓ Pole Straps
<b>ADJUSTABLE STRAPS</b>	✓ Chest		✓ Shoulder
	✓ Legs		✓ Waist
<b>PADDING</b>	✓ Legs	✓ Back	✓ Waist
PART NO			
M1020224 S	M1020225 M/L	M1020226 XL/XXL	



## AirCore™ Tower Worker Soft Loop



- > Light-weight components reduce fatigue, increasing productivity
- > Quick operating shoulder cam buckles for vertical adjustment
- > Quick-connect leg buckles
- > Front soft loops and rear fall arrest d-ring with fall indicator
- > Work positioning side d-rings for working with pole straps
- > Confined space loops for attachment to spreader frame
- > Built-in buttock pad for increased work positioning comfort

SPECIFICATIONS			
<b>MATERIAL</b>	Stretchable DuraFlex™ Webbing		
<b>HARDWARE</b>	Aluminium		
<b>WEIGHT</b>	2.7kg		
<b>FALL ARREST POINTS</b>	✓ Front Soft Loops		✓ Rear
<b>BUCKLES</b>	✓ Cam		✓ Quick Connect
<b>OTHER ATTACHMENT POINTS</b>	✓ Confined Space		✓ Pole Straps
<b>ADJUSTABLE STRAPS</b>	× Chest		✓ Shoulder
	✓ Legs		✓ Waist
<b>PADDING</b>	✓ Legs	✓ Back	✓ Waist
PART NO			
M1020227 S	M1020228 M/L	M1020229 XL/XXL	



# Revolution™ Harnesses

Innovative harness design engineered with unique components and features to improve efficiency and safety.



## Revolution™ 2-Point



- > Innovative design combining DuraFlex™ and DualTech webbing for extra durability and comfort
- > Versatile front and rear oversized fall arrest attachment points
- > ErgoArmor™ back shield protects from snap hook and lifeline injury
- > Ergonomic PivotLink allows greater rotation and mobility

### SPECIFICATIONS

<b>MATERIAL</b>	DualTech & DuraFlex™ Stretchable Webbing	
<b>HARDWARE</b>	Aluminium	
<b>WEIGHT</b>	2.3kg	
<b>FALL ARREST POINTS</b>	✓ Front	✓ Rear
<b>BUCKLES</b>	x Push Through	✓ Quick Connect
<b>OTHER ATTACHMENT POINTS</b>	x Confined Space	x Tool
<b>ADJUSTABLE STRAPS</b>	x Chest	x Shoulder
	✓ Legs	x Buttocks
<b>PADDING</b>	x Front	✓ Back

### PART NO

M1020053 S    M1020054 M    M1020055 L





## Revolution™ Vest Style



- > Vest style harness with front and rear connections and confined space loops on shoulders
- > Rear dee and 400mm d-ring extension
- > Frontal fall arrest attachment and confined space shoulder loops
- > Adjustable chest, shoulder and leg straps

SPECIFICATIONS		
<b>MATERIAL</b>	Polyester & DuraFlex™ Stretchable Webbing	
<b>HARDWARE</b>	Steel & Aluminium	
<b>WEIGHT</b>	2.8kg	
<b>FALL ARREST POINTS</b>	✓ Front	✓ Rear Ext D
<b>BUCKLES</b>	✓ Push Through	✓ Quick Connect
<b>OTHER ATTACHMENT POINTS</b>	✓ Confined Space	× Tool
<b>ADJUSTABLE STRAPS</b>	✓ Chest ✓ Legs	✓ Shoulder × Buttocks
<b>PADDING</b>	✓ Legs	✓ Back
<b>PART NO</b>		

M1020098 M/L



## Revolution™ Tower



- > A versatile harness with front and rear connections, ideal for work positioning and confined space rescue.
- > 400mm rear d-ring extension
- > Confined space rescue loops and pelvic d-rings for work positioning
- > ErgoArmor™ back shield protects from snap hook and lifeline injury

SPECIFICATIONS		
<b>MATERIAL</b>	Polyester & DuraFlex™ Stretchable Webbing	
<b>HARDWARE</b>	Steel & Aluminium	
<b>WEIGHT</b>	3.4kg	
<b>FALL ARREST POINTS</b>	✓ Front	✓ Rear Ext D
<b>BUCKLES</b>	× Push Through	✓ Quick Connect
<b>OTHER ATTACHMENT POINTS</b>	✓ Confined Space	✓ Pole Straps
<b>ADJUSTABLE STRAPS</b>	✓ Chest ✓ Legs	✓ Shoulder ✓ Waist
<b>PADDING</b>	✓ Legs	✓ Back and Waist
<b>PART NO</b>		

M1020097 S    M1020056 M    M1020099 L

# DuraFlex™ Webbing Harnesses

DuraFlex™ webbing flexes to accommodate movement and body contours for optimum comfort.



## Maintenance



- > Vest Style, DuraFlex™ webbing harness for working at height and in confined spaces
- > Frontal and rear fall arrest attachment points, rear and extended dorsal dee
- > No bunching, binding or kinking generally associated with harness use

### SPECIFICATIONS

<b>MATERIAL</b>	DuraFlex™ Stretchable Webbing	
<b>HARDWARE</b>	Zinc Plated Steel	
<b>WEIGHT</b>	2kg	
<b>FALL ARREST POINTS</b>	✓ Front	✓ Rear - Ext D
<b>BUCKLES</b>	✓ Push Through	× Quick Connect
<b>OTHER ATTACHMENT POINTS</b>	✓ Confined Space	× Tool
<b>ADJUSTABLE STRAPS</b>	✓ Chest ✓ Legs	✓ Shoulder × Buttocks
<b>PADDING</b>	× Front	× Back

### PART NO

M1020095 S    M1020073 M/L    M1020096 L



## Rigger's



- > Vest Style, DuraFlex™ webbing harness designed for working in confined spaces and at height with pole straps
- > Frontal and rear fall arrest attachment points, rear and extended dorsal dee
- > Waist belt offers greater back support and stability
- > Coloured webbing for easy identification and visibility of worker

### SPECIFICATIONS

<b>MATERIAL</b>	DuraFlex™ Stretchable Webbing	
<b>HARDWARE</b>	Zinc Plated Steel (M1020068), Aluminium (M1020181)	
<b>WEIGHT</b>	2.6kg	
<b>FALL ARREST POINTS</b>	✓ Front	✓ Rear - Ext D
<b>BUCKLES</b>	✓ Push Through	× Quick Connect
<b>OTHER ATTACHMENT POINTS</b>	✓ Confined Space	✓ Pole Straps
<b>ADJUSTABLE STRAPS</b>	✓ Chest ✓ Legs	✓ Shoulder ✓ Waist
<b>PADDING</b>	✓ Waist	× Back

### PART NO

M1020068 M/L  
M1020181 M/L LIGHT-WEIGHT HARNESS – ALUMINIUM HARDWARE AND REMOVABLE LEG AND SHOULDER PADS

## Roof Worker



- > Cross-over, DuraFlex™ webbing harness featuring front and back fall arrest attachment points
- > Frontal and rear d-ring for working in fall arrest
- > Over-the-head design with adjustable leg straps
- > Combination of polyester and DuraFlex™ webbing for optimum worker comfort
- > Suitable for roof, tower and ladder work, general construction, maintenance and window cleaning applications

SPECIFICATIONS		
<b>MATERIAL</b>	Polyester & DuraFlex™	
<b>HARDWARE</b>	Zinc Plated Steel	
<b>WEIGHT</b>	1.3kg	
<b>FALL ARREST POINTS</b>	✓ Front	✓ Rear
<b>BUCKLES</b>	✓ Push Through	✗ Quick Connect
<b>OTHER ATT. POINTS</b>	✗ Confined Space	✗ Tool
<b>ADJUSTABLE STRAPS</b>	✗ Chest	✗ Shoulder
	✓ Legs	✗ Buttocks
<b>PADDING</b>	✗ Front	✗ Back
<b>PART NO</b>		

STRETCH GUARD M/L

## Confined Space



- > Full body DuraFlex™ harness with multiple attachment points to suit various applications
- > 300mm extended rear fall arrest soft-eye-dee with fall indicator
- > Frontal fall arrest attachment loops and confined space shoulder loops
- > No bunching, binding or kinking generally associated with harness use
- > DuraFlex™ webbing flexes to accommodate movement and body contours for optimum comfort

SPECIFICATIONS		
<b>MATERIAL</b>	DuraFlex™ Stretchable Webbing	
<b>HARDWARE</b>	Aluminium & Zinc Plated Steel	
<b>WEIGHT</b>	1.7kg	
<b>FALL ARREST POINTS</b>	✓ Front	✓ Rear Soft-Eye-Dee
<b>BUCKLES</b>	✗ Push Through	✓ Quick Connect
<b>OTHER ATT. POINTS</b>	✓ Confined Space	✗ Tool
<b>ADJUSTABLE STRAPS</b>	✓ Chest	✓ Shoulder
	✓ Legs	✗ Buttocks
<b>PADDING</b>	✗ Front	✗ Back
<b>PART NO</b>		

M1020004D M/L

## Glove & Barrier



- > DuraFlex™ full body harness designed without metal hardware above the waist
- > Rear fall arrest soft-eye-dee on 500mm extension
- > Frontal, non-metallic fall arrest attachment and confined space shoulder loops
- > No bunching, binding or kinking generally associated with harness use
- > DuraFlex™ webbing flexes to accommodate movement and body contours for optimum comfort

SPECIFICATIONS		
<b>MATERIAL</b>	DuraFlex™ Stretchable Webbing	
<b>HARDWARE</b>	Zinc Plated Steel	
<b>WEIGHT</b>	1.3kg	
<b>FALL ARREST POINTS</b>	✓ Front	✓ Rear Soft-Eye-Dee
<b>BUCKLES</b>	✓ Push Through	✗ Quick Connect
<b>OTHER ATT. POINTS</b>	✓ Confined Space	✗ Tool
<b>ADJUSTABLE STRAPS</b>	✓ Chest	✗ Shoulder
	✓ Legs	✗ Buttocks
<b>PADDING</b>	✗ Front	✗ Back
<b>PART NO</b>		

M1020008 M/L



# Polyester Webbing Harnesses

Heavy-duty, light-weight webbing that is U.V. resistant. Compliant and strong without sacrificing user comfort.



## Construction



- > Vest Style, fall arrest harness, suitable for a variety of applications
- > Frontal fall arrest attachment point and dorsal dee
- > Easy to don with fully adjustable shoulder and leg straps
- > Strong, durable, light-weight & comfortable polyester webbing
- > Webbing has excellent U.V. resistant properties

### SPECIFICATIONS

<b>MATERIAL</b>	Polyester Webbing	
<b>HARDWARE</b>	Zinc Plated Steel	
<b>WEIGHT</b>	1.75kg	
<b>FALL ARREST POINTS</b>	✓ Front	✓ Rear
<b>BUCKLES</b>	✓ Push Through	× Quick Connect
<b>OTHER ATTACHMENT POINTS</b>	× Confined Space	× Tool
<b>ADJUSTABLE STRAPS</b>	✓ Chest ✓ Legs	✓ Shoulder × Buttocks
<b>PADDING</b>	× Front	× Back

### PART NO

**M1020063** M/L **M1020199** M/L WITH QUICK CONNECT BUCKLES



## Contractor Value Plus with Integrated Lanyard



- > Vest style, fall arrest harness with integrated lanyard for working at height
- > Frontal and rear fall arrest attachment points
- > Integrated 2 metre shock absorbing lanyard
- > Easy to don with fully adjustable chest shoulder and leg straps
- > Suited to work in Elevated Work Platforms (EWP), construction and general maintenance

SPECIFICATIONS		
<b>MATERIAL</b>	Polyester Webbing	
<b>HARDWARE</b>	Zinc Plated Steel	
<b>WEIGHT</b>	2.2kg	
<b>FALL ARREST POINTS</b>	✓ Front	✓ Rear/ Integrated Lanyard
<b>BUCKLES</b>	✓ Push Through	✗ Quick Connect
<b>OTHER ATT. POINTS</b>	✗ Confined Space	✗ Tool
<b>ADJUSTABLE STRAPS</b>	✓ Chest	✓ Shoulder
	✓ Legs	✗ Buttocks
<b>PADDING</b>	✗ Front	✗ Back
<b>PART NO</b>	<b>M1020064</b> M/L	

## Contractor Value 2-Point



- > The contractor two point fall arrest harness provides workers with rear and frontal fall arrest attachment points
- > Minimal restriction to the wearer's movements
- > Light-weight cross-over design, easy to fit and adjust
- > Suitable for building, construction, ladder work, roof work, EWP and general maintenance work

SPECIFICATIONS		
<b>MATERIAL</b>	Polyester Webbing	
<b>HARDWARE</b>	Zinc Plated Steel	
<b>WEIGHT</b>	1.1kg	
<b>FALL ARREST POINTS</b>	✓ Front	✓ Rear
<b>BUCKLES</b>	✓ Push Through	✗ Quick Connect
<b>OTHER ATT. POINTS</b>	✗ Confined Space	✗ Tool
<b>ADJUSTABLE STRAPS</b>	✗ Chest	✗ Shoulder
	✓ Legs	✗ Buttocks
<b>PADDING</b>	✗ Front	✗ Back
<b>PART NO</b>	<b>M1020002</b> M/L	

## Maintenance



- > Vest Style, polyester webbing fall arrest harness for working at height and in confined spaces
- > Frontal and rear fall arrest attachment points and extended dorsal dee
- > Easy to don with fully adjustable shoulder and leg straps
- > Strong, durable, light-weight and comfortable polyester webbing
- > Webbing has excellent U.V. resistant properties

SPECIFICATIONS		
<b>MATERIAL</b>	Polyester Webbing	
<b>HARDWARE</b>	Zinc Plated Steel	
<b>WEIGHT</b>	1.6kg	
<b>FALL ARREST POINTS</b>	✓ Front	✓ Rear - Ext D
<b>BUCKLES</b>	✓ Push Through	✗ Quick Connect
<b>OTHER ATT. POINTS</b>	✓ Confined Space	✗ Tool
<b>ADJUSTABLE STRAPS</b>	✓ Chest	✓ Shoulder
	✓ Legs	✗ Buttocks
<b>PADDING</b>	✗ Front	✗ Back
<b>PART NO</b>	<b>M1020065</b> M/L	

# Polyester Webbing Harnesses

Heavy-duty, light-weight webbing that is U.V. resistant. Compliant and strong without sacrificing user comfort.

## Rigger's



- > Vest Style, polyester webbing harness for working in confined spaces and for working at height with pole straps
- > Frontal and rear fall arrest attachment points and extended dorsal dee
- > Confined space loops and work positioning side dees
- > Easy to don with fully adjustable chest, shoulder and leg straps
- > Back pad offering excellent back support and stability

SPECIFICATIONS		
<b>MATERIAL</b>	Polyester Webbing	
<b>HARDWARE</b>	Zinc Plated Steel	
<b>WEIGHT</b>	2.3kg	
<b>FALL ARREST POINTS</b>	✓ Front	✓ Rear - Ext D
<b>BUCKLES</b>	✓ Push Through	✗ Quick Connect
<b>OTHER ATT. POINTS</b>	✓ Confined Space	✓ Pole Straps
<b>ADJUSTABLE STRAPS</b>	✓ Chest	✓ Shoulder
	✓ Legs	✓ Waist
<b>PADDING</b>	✗ Front	✓ Waist
<b>PART NO</b>	<b>M1020067</b> M/L	

## Confined Space



- > Full body polyester webbing harness with multiple attachment points to suit various applications
- > 300mm extension of rear fall arrest soft-eye-dee
- > Frontal fall arrest attachment loops and confined space shoulder loops
- > Strong, durable, light-weight and comfortable polyester webbing
- > Webbing has excellent U.V. resistant properties

SPECIFICATIONS		
<b>MATERIAL</b>	Polyester Webbing	
<b>HARDWARE</b>	Zinc Plated Steel/Aluminium	
<b>WEIGHT</b>	1.6kg	
<b>FALL ARREST POINTS</b>	✓ Front Belay Loops	✓ Rear - Ext D
<b>BUCKLES</b>	✗ Push Through	✓ Quick Connect
<b>OTHER ATT. POINTS</b>	✓ Confined Space	✗ Tool
<b>ADJUSTABLE STRAPS</b>	✓ Chest	✓ Shoulder
	✓ Legs	✗ Buttocks
<b>PADDING</b>	✓ Legs	✗ Back
<b>PART NO</b>	<b>M1020004</b> M/L	

## Line Worker



- > Specifically designed for line and pole top work with several features to suit these applications
- > Frontal fall arrest dee and extended dorsal dee
- > Work positioning side dees for work with pole straps
- > Fully adjustable waist, shoulder, leg and buttock straps
- > Lumbar and buttock padding offering greater comfort

SPECIFICATIONS		
<b>MATERIAL</b>	Polyester Webbing	
<b>HARDWARE</b>	Zinc Plated Steel	
<b>WEIGHT</b>	2.9kg	
<b>FALL ARREST POINTS</b>	✓ Front	✓ Rear - Ext D
<b>BUCKLES</b>	✓ Push Through	✗ Quick Connect
<b>OTHER ATT. POINTS</b>	✗ Confined Space	✓ Pole Straps
<b>ADJUSTABLE STRAPS</b>	✓ Waist	✓ Shoulder
	✓ Legs	✓ Buttocks
<b>PADDING</b>	✓ Waist	✓ Buttocks
<b>PART NO</b>	<b>ELITE.2</b> M/L	

# Kevlar® Webbing Harnesses

Durability and Fire Retardant properties of Kevlar® which is ideal for welding.

## Tower Worker



- > The popular tower harness with multiple attachment points for compatibility with many applications
- > Frontal and rear fall arrest attachment loops and 300mm extended dorsal dee
- > Confined space loops and work positioning side dees
- > Lumbar and buttock padding equipped with tool loops
- > Webbing has excellent U.V. resistant properties

### SPECIFICATIONS

<b>MATERIAL</b>	Polyester Webbing	
<b>HARDWARE</b>	Zinc Plated Steel	
<b>WEIGHT</b>	2.9kg	
<b>FALL ARREST POINTS</b>	✓ Front Belay Loops	✓ Rear - Ext D
<b>BUCKLES</b>	✓ Push Through	✗ Quick Connect
<b>OTHER ATT. POINTS</b>	✓ Confined Space	✓ Pole Strap
<b>ADJUSTABLE STRAPS</b>	✓ Buttocks	✓ Shoulder
	✓ Legs	✓ Waist
<b>PADDING</b>	✓ Waist	✓ Buttocks

### PART NO

- TOWER WORKER S S
- TOWER WORKER M M
- TOWER WORKER-L L

## KMAX.1 Welder's Cross-over Style



- > Cross-over Style harness in 100% Kevlar® webbing for use in applications where hot sparks or molten materials may contact the harness
- > Durability and fire retardant properties of Kevlar® are ideal for welding
- > Frontal and rear fall arrest attachment points
- > Adjustable leg straps

### SPECIFICATIONS

<b>MATERIAL</b>	100% Kevlar® Heat Resistant Webbing	
<b>HARDWARE</b>	Zinc Plated Steel	
<b>WEIGHT</b>	1.2kg	
<b>FALL ARREST POINTS</b>	✓ Front	✓ Rear
<b>BUCKLES</b>	✓ Push Through	✗ Quick Connect
<b>OTHER ATT. POINTS</b>	✗ Confined Space	✗ Tool
<b>ADJUSTABLE STRAPS</b>	✗ Chest	✗ Shoulder
	✓ Legs	✗ Buttocks
<b>PADDING</b>	✗ Front	✗ Back

### PART NO

- M1020066 M/L

## KMAX Welder's Vest Style



- > Vest Style harness with 100% Kevlar® webbing to provide resistance to high temperatures, sparks & molten material
- > Frontal & rear fall arrest attachment points
- > KMAX 2 with side dees, KMAX 3 Basic Vest Style (pictured), KMAX 4 with Aluminium Quick Connect buckles, confined space loops, & Ext D
- > Suitable for welding, grinding and harsh work environments
- > Adjustable leg and shoulder straps

### SPECIFICATIONS

<b>MATERIAL</b>	100% Kevlar® Heat Resistant Webbing	
<b>HARDWARE</b>	Zinc Plated Steel	
<b>WEIGHT</b>	2.4kg	
<b>FALL ARREST POINTS</b>	✓ Front Limited Fall Arrest	✗ Rear
<b>BUCKLES</b>	✓ Push Through	✗ Quick Connect
<b>OTHER ATT. POINTS</b>	✗ Confined Space	✗ Tool
<b>ADJUSTABLE STRAPS</b>	✓ Chest	✓ Shoulder
	✓ Legs	✗ Buttocks
<b>PADDING</b>	✗ Front	✗ Back

### PART NO

- M1020100 KMAX 2 M/L
- M1020102 KMAX 3 M/L
- M1020165 KMAX 4 M
- M1020166 KMAX 4 L



# Duraclean Webbing Harnesses

Where workers are exposed to dirt, mud and water the Duraclean coating forms an invisible protective barrier preventing water, oil and dirt absorption.



## Underground Miner's



- > Harness incorporating prospector belt with tool loops, stainless steel hardware and aluminium quick connect buckles, dorsal fall arrest and d-ring extension & floating frontal fall arrest d-ring
- > Ideal for underground mining applications
- > Prospector belt with removable battery and self rescuer strap

### SPECIFICATIONS

<b>MATERIAL</b>	Duraclean Webbing Resists Water and Oil	
<b>HARDWARE</b>	Stainless Steel and Aluminium	
<b>WEIGHT</b>	2.3kg	
<b>FALL ARREST POINTS</b>	✓ Front Floating D	✓ Rear Ext D
<b>BUCKLES</b>	✓ Push Through	✓ Quick Connect
<b>OTHER ATTACHMENT POINTS</b>	✓ Confined Space	✓ Tool
<b>ADJUSTABLE STRAPS</b>	✓ Chest ✓ Legs	✓ Shoulder ✓ Waist
<b>PADDING</b>	× Front	✓ Waist

### PART NO

<b>M1020157</b> S	<b>M1020147</b> S	STAINLESS STEEL HARDWARE
<b>M1020158</b> M	<b>M1020148</b> M	STAINLESS STEEL HARDWARE
<b>M1020159</b> L	<b>M1020149</b> L	STAINLESS STEEL HARDWARE
<b>M1020160</b> XL	<b>M1020150</b> XL	STAINLESS STEEL HARDWARE

## Amax.2 Miner's Rescue



- > Harness with removable miner's equipment belt, dorsal fall arrest d-ring with d-ring extension and frontal fall arrest d-ring
- > Equipped with confined space loops and extra wide back for greater support and removable shoulder pads
- > Aluminium quick connect buckles on leg straps.

### SPECIFICATIONS

<b>MATERIAL</b>	Duraclean Webbing Resists Water and Oil	
<b>HARDWARE</b>	Stainless Steel and Aluminium	
<b>WEIGHT</b>	2.6kg	
<b>FALL ARREST POINTS</b>	✓ Front	✓ Rear Ext D
<b>BUCKLES</b>	× Push Through	✓ Quick Connect
<b>OTHER ATTACHMENT POINTS</b>	✓ Confined Space	× Tool
<b>ADJUSTABLE STRAPS</b>	× Chest ✓ Legs	✓ Shoulder ✓ Waist
<b>PADDING</b>	✓ Waist, shoulder and legs	

### PART NO

<b>M1020171</b> S/M
<b>M1020172</b> M/L



## Surface Miner's



- > Full body polyester webbing harness
- > Dorsal fall arrest d-ring with d-ring extension
- > Floating frontal fall arrest d-ring
- > Equipped with confined space loops
- > Aluminium quick connect buckles on leg straps
- > Stainless steel hardware (except quick connect buckles) for longer service life

SPECIFICATIONS		
<b>MATERIAL</b>	Duraclean Resists Water and Oil	
<b>HARDWARE</b>	Stainless Steel and Aluminium	
<b>WEIGHT</b>	1.8kg	
<b>FALL ARREST POINTS</b>	✓ Front Floating D	✓ Rear Ext D
<b>BUCKLES</b>	✓ Push Through	✓ Quick Connect
<b>OTHER ATT. POINTS</b>	✓ Confined Space	× Tool
<b>ADJUSTABLE STRAPS</b>	✓ Chest ✓ Legs	✓ Shoulder × Buttocks
<b>PADDING</b>	× Front	× Back
PART NO		
M1020161 S	M1020162 M	
M1020163 L	M1020164 XL	

## Work Positioning/ Rope Access



- > Work positioning/rope access harness with padded leg straps and lumbar support for working in suspension and twin rope access applications
- > Frontal fall arrest, dorsal and work positioning dee rings
- > Step in harness with lumbar support
- > Quick connect buckles and extra wide removable shoulder pads
- > Tool loops to attach equipment temporarily when working at height

SPECIFICATIONS		
<b>MATERIAL</b>	Duraclean Resists Water and Oil	
<b>HARDWARE</b>	Zinc Plated Steel & Aluminium	
<b>WEIGHT</b>	2.5kg	
<b>FALL ARREST POINTS</b>	✓ Front (Double)	✓ Rear
<b>BUCKLES</b>	× Push Through	✓ Quick Connect
<b>OTHER ATT. POINTS</b>	× Confined Space	✓ Tool
<b>ADJUSTABLE STRAPS</b>	✓ Waist ✓ Legs	✓ Shoulder × Buttocks
<b>PADDING</b>	✓ Waist, Shoulder and Legs	
PART NO		
M1020122 M/L		

## Lower Body



- > Work positioning harness with padded leg straps for use in limited free fall applications of 600mm or less
- > Steel front limited free fall arrest d-ring
- > Steel work positioning side d-rings for working with pole straps
- > Easily adjustable leg and waist straps with light weight aluminium Quick Connect leg buckles for easy donning
- > Replaceable padded leg straps for increased harness durability & comfort

SPECIFICATIONS		
<b>MATERIAL</b>	Duraclean Resists Water and Oil	
<b>HARDWARE</b>	Zinc Plated Steel & Aluminium	
<b>WEIGHT</b>	1.25kg	
<b>FALL ARREST POINTS</b>	✓ Front Limited Fall Arrest	× Rear
<b>BUCKLES</b>	× Push Through	✓ Quick Connect
<b>OTHER ATT. POINTS</b>	× Confined Space	× Tool
<b>ADJUSTABLE STRAPS</b>	× Chest ✓ Legs	× Shoulder ✓ Waist
<b>PADDING</b>	✓ Waist and Legs	
PART NO		
M1020189 M/L		

# Belts

Specifically designed for the mining industry.

## Prospector Miner's Equipment Belt



- > Equipment belt with battery pack and self rescue straps
- > Wide padded back for increased comfort
- > Not to be used for fall arrest, limited free fall arrest or restraint
- > Longer battery strap for maximum adjustment of self rescuer & battery pack
- > Quick connect buckles for easy donning
- > Complete with tool loops for hanging additional tools

SPECIFICATIONS			
<b>MATERIAL</b>	Polyester Webbing		
<b>HARDWARE</b>	Aluminium and Steel		
<b>WEIGHT</b>	0.5kg		
<b>BUCKLES</b>	× Push Through	✓ Quick Connect	
<b>OTHER ATT. POINTS</b>	× Confined Space	✓ Tool	
<b>ADJUSTABLE STRAPS</b>	× Chest	× Shoulder	
	× Legs	✓ Waist	
<b>PADDING</b>	× Front	✓ Waist	
PART NO			
M1020123 S			
M1020124 M			
M1020125 L			

## Explorer Miner's Equipment Belt



- > Miner's equipment belt with battery pack, self rescue straps and retro reflective tape
- > Wider padded back for increased comfort and support
- > Not to be used for fall arrest, limited free fall arrest or restraint
- > Longer battery strap for maximum adjustment of self rescuer & battery pack
- > Quick connect buckles for easy donning

SPECIFICATIONS			
<b>MATERIAL</b>	Polyester Webbing		
<b>HARDWARE</b>	Aluminium and Steel		
<b>WEIGHT</b>	1.1kg		
<b>BUCKLES</b>	× Push Through	✓ Quick Connect	
<b>OTHER ATT. POINTS</b>	× Confined Space	✓ Tool	
<b>ADJUSTABLE STRAPS</b>	× Chest	✓ Shoulder	
	× Legs	✓ Waist	
<b>PADDING</b>	✓ Shoulder	✓ Waist	
PART NO			
M1020126 S			
M1020127 M			
M1020128 L			

## Miner's Equipment Belt



- > Equipment belt with battery and self rescue straps
- > 100mm padded back for support
- > Double action attachment hook at front
- > Not to be used for fall arrest, limited free fall or restraint

SPECIFICATIONS			
<b>MATERIAL</b>	Polyester Webbing		
<b>HARDWARE</b>	Zinc plated and steel		
<b>WEIGHT</b>	0.85kg		
<b>BUCKLES</b>	✓ Push Through	× Quick Connect	
<b>OTHER ATT. POINTS</b>	× Confined Space	× Tool	
<b>ADJUSTABLE STRAPS</b>	× Chest	× Shoulder	
	× Legs	✓ Waist	
<b>PADDING</b>	× Front	✓ Waist	
PART NO			
M1020086 S			
M1020087 M			
M1020088 L			



# Roof Worker's Kits

All the gear you need in one user-friendly pack.

## Contractor Roof Worker Kit



- > Kit contains all the equipment needed for roof work packed into a carry bag
- > 15m polyester rope anchorage line with 19mm snap hook & Type 1 Fall Arrestor M1070008
- > Polyester 2-Point Cross-over harness M1020002
- > 2m webbing tie-off adaptor

PART NO	WEIGHT
M1070004 15M	5.4Kg

## Roof Worker Back-Pack Kit



Bag is subject to change without notice

- > Kit contains all the equipment needed for roof work packed into a back-pack
- > 15m polyester rope anchorage line with 19mm snap hook & Type 1 Fall Arrestor M1070008
- > 2m webbing energy absorbing lanyard
- > Polyester Vest Style Construction Harness M1020063
- > 2m webbing tie-off adaptor

PART NO	WEIGHT
M1070014 15M	6.00Kg

## Roofer's Back-Pack Kit with Kernmantle Rope and Shock Pack



- > Kit contains all the equipment needed for roof work packed into a hands-free, easily portable back-pack
- > Vest Style Polyester M1020063 Construction Harness, 15m kernmantle rope anchorage line M1070019 with type 1 fall arrest device, Compact Energy Absorber L15WEC, Webbing tie off adaptor, 501 karabiners

PART NO	WEIGHT
M1070030 15M	5.00Kg

## Roofer's Back-Pack Kit with Kernmantle Rope and Lanyard



Bag is subject to change without notice

- > Kit contains all the equipment needed for roof work packed into a hands-free, easily portable back-pack
- > Vest Style Polyester M1020063 Construction harness, 15m Kernmantle Anchorage Line M1070019 with type 1 fall arrest device, 2m webbing energy absorbing lanyard, Webbing tie-off adaptor

PART NO	WEIGHT
M1070033 15M	5.00Kg





# Lanyards and Fall Arrestors

As the 2nd component of a fall safety system Miller® lanyards and fall arrestors connect your fall arrest harness to an anchorage point or static line. They are designed to reduce the free fall distance as much as possible to minimise risk of injury.

## Lanyards and Pole Straps

- > Polyester Webbing
- > KMAX Flame Retardant
- > Stretchable Manyard®
- > Stretchable
- > Adjustable Webbing
- > Kernmantle Rope
- > Sharp Edge
- > Plastic Coated Wire
- > Tie Back
- > Webbing Energy Absorber
- > Pole Strap



Page 34

## Fall Arrestors

- > Falcon™
- > TurboLite™
- > Scorpion™ Polyester
- > Scorpion™ Sharp Edge
- > Black Rhino™
- > Stainless Steel
- > Wire Rope
- > MightyLite™



Page 38

## Karabiners and Hooks

- > Triple Action
- > Screw-gate
- > Twist-lock
- > Pin-lock
- > Snap Hook
- > Scaffold Hook
- > Tube Nut



Page 43

Complete index is available on page 79



# Lanyards and Fall Arrestors

Reducing the free fall distance helps minimise the risk of injury due to a fall from height.

## Lanyard choices

Sharp Edge Kernmantle Rope



Sharp edge products appear with this icon

Miller® 12.7mm sharp edge rated kernmantle rope is a high end static rope that offers extra protection for users against a sharp edge radius of 0.5mm or greater.

The sharp edge test is based on a European test that requires a 2 metre drop, 1.5 metre side axis with a 100kg weight over a 0.5mm radius steel edge.



Standard Kernmantle Rope



Kernmantle rope lanyards are designed to optimise strength, durability and flexibility but are also economical.

Webbing



Webbing lanyards are ideal for standard fall arrest applications.

They are light weight, economical, and easy to clean.

Coated Wire



Plastic coated wire lanyards are ideal for harsh working situations where the lanyard may come in contact with sharp edges or hot sparks.

A very robust lanyard suitable for extreme conditions.

## Working at Height

Working at height is inherently a dangerous practice. Reducing the free fall distance will help minimise the risk of serious injury due to a fall from height.

### Calculating Fall Distance Correctly

The correct calculation of fall distances is imperative for the safe functioning of any fall protection system. An explanation of the terms used in calculating fall distances are outlined below.

#### Restraint Technique

A system whereby a person, wearing fall arrest equipment, is connected to an anchorage that prevents the person from reaching a position at which there is a risk of experiencing a free fall or a limited free fall. As per the requirements under AS/NZS1891.1 2007 - people working in restraint must use an anchorage, connection and harness suitable for fall arrest.

#### Work Positioning

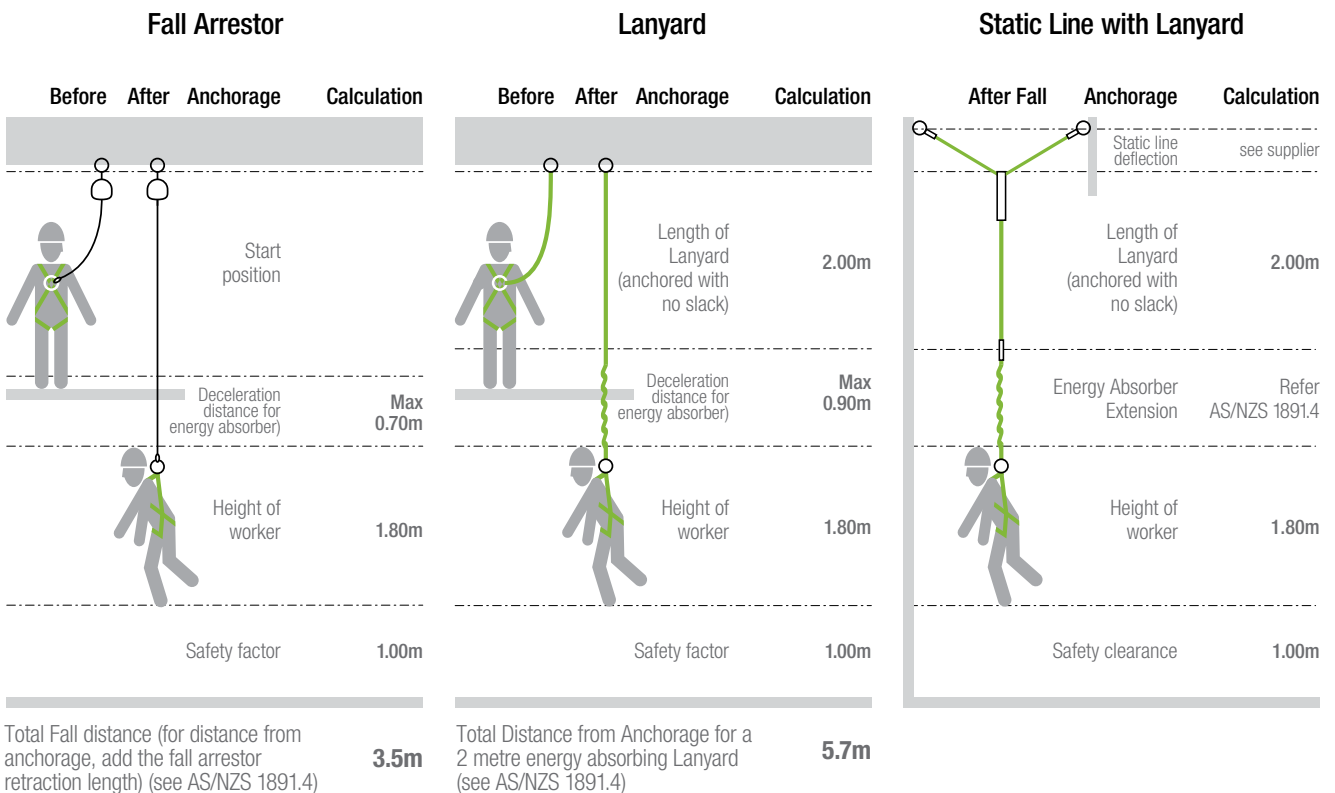
A system which enables a person to work supported in suspension by the use of personal protective equipment in such a way that a fall is partially restrained.

#### Fall Arrest

A system whereby a person is safely arrested from a fall by means of personal protective equipment attached to an anchorage point. The maximum free fall allowable is 2 metres.

#### Fall Clearances

The system must be set up in such a way so the worker will avoid striking a lower level surface or obstacle, and be maintained in a position post fall, to ensure an easy and quick rescue. Each type of fall arrest device will have its own clearance requirements – consult AS/NZS 1891.4 for further information.



# Lanyards

Providing a safe method of attaching your fall protection harness to a secure anchorage point.

## Polyester Webbing



- > 35mm heavy duty and light-weight polyester webbing lanyard with integral energy absorber
- > Integral compact energy absorber
- > Reliable visual indication if a fall has been taken
- > Available in a variety of lengths and connector options to suit specific requirements
- > Twin tail lanyards allow for constant connection while moving between anchor points

PART NO.	LENGTH	USER END	ANCHOR END
<b>SINGLE</b>			
M1010059	1.5m	S/S TAK	S/S TAK
*M1010060	1.5m	S/S TAK	S/S TAK
L11WEC1.2	1.2m	19mm Snap	19mm Snap
L11WEC1.5	1.5m	19mm Snap	19mm Snap
L11WEC2.0	2.0m	19mm Snap	19mm Snap
<b>TWIN</b>			
LD11WEC1.2	1.2m	19mm Snap	19mm Snap
LD11WEC2.0	2.0m	19mm Snap	19mm Snap
LD12WEC2.0	2.0m	19mm Snap	65mm Scaff
LD28WEC2.0	2.0m	TAK	TAK

\*160kg heavy-duty lanyard

## Kevlar® Flame Retardant



- > Designed for use in applications where hot sparks or molten materials may come in contact with the lanyard
- > 100% Kevlar® webbing improves strength and provides resistance to high temperatures, sparks and molten material
- > Suitable for welding, grinding and harsh environments
- > Integral compact energy absorber
- > Reliable visual indication if a fall has been taken
- > Available in a variety of lengths and connector options to suit specific requirements

PART NO.	LENGTH	USER END	ANCHOR END
<b>SINGLE</b>			
M1010058	2.0m	S/S TAK	S/S TAK
M1010068	2.0m	TAK	56mm Scaff
L11KEC2.0	2.0m	19mm Snap	19mm Snap
<b>ADJUSTABLE</b>			
M1010069	2.0m	TAK	56mm Scaff
LA11KEC2.0	2.0m	19mm Snap	19mm Snap
<b>TWIN</b>			
LD11KEC2.0	2.0m	19mm Snap	19mm Snap

## Stretchable Single Manyard®



- > No bulky energy absorber “pack” makes it more comfortable to use
- > The Manyard® lanyard is unsurpassed for safety, comfort and mobility
- > Contracts from 2m to 1.4m reducing the potential to trip, snag or drag
- > Specially woven shock absorbing inner core reduces fall forces
- > Heavy duty tubular outer sleeve serves as a back-up lanyard
- > Unique warning flag provides visual proof of a sustained fall
- > Grid label offers easy recording of inspection dates

PART NO.	LENGTH	USER END	ANCHOR END
<b>SINGLE</b>			
M1010024	2.0m	19mm Snap	19mm Snap



### Stretchable



- > A unique stretchable lanyard design that minimises the length of the lanyard preventing tripping or snagging
- > Elastic inner core contains the un-extended length of webbing
- > Outer load bearing tubular polyester webbing provides strength and durability
- > Integral compact energy absorber
- > Reliable visual indication if a fall has been taken
- > Available in a variety of lengths and connector options to suit specific requirements

PART NO.	LENGTH	USER END	ANCHOR END
<b>SINGLE</b>			
L11SEC1.5	1.5m	19mm Snap	19mm Snap
M1010030	1.5m	TAK	TAK
<b>STRETCHSTOP</b>			
L12SEC2.0	2.0m	19mm Snap	19mm Snap
L12SEC2.0	2.0m	19mm Snap	64mm Scaff
<b>TWIN</b>			
LD18SEC2.0	2.0m	19mm Snap	56mm Scaff
M1010041	2.0m	56mm Scaff	TAK

### Adjustable



- > Adjustable lanyards offer unique versatility whilst working at height
- > The working length of the lanyard is easy to adjust
- > Integral compact energy absorber
- > Brightly coloured webbing which increases worker visibility
- > Available in a variety of lengths and connector options to suit specific requirements

PART NO.	LENGTH	USER END	ANCHOR END
<b>SINGLE ADJUSTABLE</b>			
M1010004	2.0m	19mm Snap	19mm Snap
M1010005	2.0m	19mm Snap	55mm Scaff
M1010006	2.0m	TAK	TAK

### Kernmantle Rope



- > Adjustable kernmantle rope lanyard with energy absorber
- > The adjustable kernmantle rope lanyard offers workers the flexibility to easily adjust the length of their lanyards to suit any fall arrest application
- > Made from robust 11mm kernmantle rope for greater abrasion resistance
- > Allows the user to minimise fall risks by adjusting the lanyard to suit the job
- > Maximum length of adjustment is 2m with a minimum of 850mm
- > Available in a variety of lengths and connector options to suit specific requirements

PART NO.	LENGTH	USER END	ANCHOR END
<b>SINGLE ADJUSTABLE</b>			
M1010034	2.0m	TAK	TAK
M1010056	5.0m	TAK	TAK
M1010057	2.0m	S/S TAK	S/S TAK
M1010066	2.0m	TAK	56mm Scaff
<b>TWIN ADJUSTABLE</b>			
M1010043	2.0m	TAK	56mm Scaff
M1010044	2.0m	TAK	TAK
M1010062	2.0m	TAK	64mm Scaff

# Lanyards

Providing a safe method of attaching your fall protection harness to a secure anchorage point.



## Sharp Edge



- > The ideal solution when working near sharp edges
- > Manufactured from 12.7mm sharp edge rope
- > Integral compact energy absorber
- > Reliable visual indication if a fall has been taken
- > Adjustable lanyards allow the user to minimise fall risks by adjusting the lanyard to suit the job

PART NO.	LENGTH	USER END	ANCHOR END
<b>SINGLE</b>			
L11FEC2.0	2.0m	19mm Snap Hook	19mm Snap Hook
L28FEC2.0	2.0m	TAK	TAK
<b>SINGLE ADJUSTABLE</b>			
LA11FEC2.0	2.0m	19mm Snap Hook	19mm Snap Hook
LA28FEC2.0	2.0m	TAK	TAK
M1010070	2.0m	TAK*	56mm Scaff
<b>SINGLE ADJUSTABLE HEAVY DUTY – 160KG</b>			
M1010054	2.0m	26mm Stainless Steel TAK	TAK
<b>TWIN</b>			
LD10FEC2.0	2.0m	Stainless Steel TAK	56mm Steel Scaff
M1010071	2.0m	TAK*	56mm Scaff
<b>TWIN ADJUSTABLE</b>			
LAD10FEC2.0	2.0m	Stainless Steel TAK	56mm Steel Scaff
M1010077*	2.0m	Stainless Steel TAK	TA 60mm Scaff Hooks
M1010055	2.0m	26mm Stainless Steel TAK	TAK

\*With light-weight rope adjuster.

## Plastic Coated Wire



- > Robust wire lanyard strong, abrasive resistant and cleanable.
- > Suitable for use in extreme environments like heat and chemicals
- > 11mm plastic coated galvanised wire
- > Suitable for harsh working conditions where the lanyard may come in contact with sharp edges or hot sparks
- > Integral compact energy absorber with reliable visual indication if a fall has been sustained

PART NO.	LENGTH	USER AND ANCHOR END
<b>SINGLE</b>		
L11PEC2.0	2.0m	19mm Snap Hook
L28PEC2.0	2.0m	TAK

## Tie Back



- > Unique tie-back hook that withstands 22kN at any angle and allows the lanyard to be safely tied back onto itself over an anchorage point
- > Provides flexibility onsite with less set up time
- > Reduces costs by eliminating the need for a separate anchor
- > Integral compact energy absorber with reliable visual indication if a fall has been sustained

PART NO.	LENGTH	USER END	ANCHOR END
<b>SINGLE</b>			
L26WEC2.0	2.0m	19mm Snap Hook	Tie-Back Hook

## Webbing Energy Absorber



- > Compact energy absorber features an external energy absorbing pack, which allows for visual indication of a sustained fall.
- > For use in fall arrest situations, where the free fall does not exceed 2m
- > When estimating free fall distances, the extension of the energy absorber must be taken into consideration. The maximum energy absorber deployment is 1.75m under AS/NZS 1891.4.
- > Choose a compact energy absorber for situations where a worker needs to limit their fall distance

PART NO.	LENGTH	USER END	ANCHOR END
<b>SINGLE</b>			
L15WEC	-	Soft eyes	Soft eyes

## Pole Strap



- > For line and pole work, supports a worker atop a pole
- > An adjuster alters working length
- > Protective sleeve increases webbing life
- > Double Action hooks at each end with 19mm gate opening
- > Lengths for different applications

PART NO	WEIGHT
136.1S 1.8M	1.25Kg
138.1S 2.4M	
139.1S 2.7M	
1312.1S 3.6M	
138.1 2.4M	



# Fall Arrestors

Personal fall arrestors can limit a fall to within centimetres.



## Falcon™ Type 2 Fall Arrest Device



- > Nearly indestructible range of fall arrestors designed to withstand the harsh rigours of the toughest applications
- > 5-year certification interval – increases productivity
- > Unique side pay-out design reduces entry guide and cable wear
- > Load indicating hook indicates if the unit has sustained a fall (feature only available with galvanised and stainless steel models)
- > Corrosion resistant stainless steel and aluminium components
- > Stops the fall within a few centimetres for a quick and safe rescue
- > Light-weight, robust, composite unit - increases durability, is easy to handle and install
- > Built-in ergonomically-designed handle on 15m and 20m units
- > Lifetime housing guarantee
- > Fully compliant to AS /NZS 1891.3 as a type 2 fall arrest device
- > Working Load Limit: 136kg

PART NO.	LENGTH	TOP CONNECTION	BOTTOM CONNECTION	WEIGHT
<b>4.5MM GALVANISED WIRE</b>				
1011728	6m	Swivel with fall indicator & 19mm steel snap hook	Swivel with 19mm steel snap hook	4.1kg
M1030079	6m	Stainless Steel 50kN TAK	Stainless steel swivel with Triple Action Karabiner (TAK) & fall indicator	4.35kg
1011742	10m	Swivel with fall indicator & 19mm steel snap hook	Swivel with 19mm steel snap hook	5kg
M1030080	10m	Stainless Steel 50kN TAK	Stainless steel swivel with Triple Action Karabiner (TAK) & fall indicator	5.25kg
1011746	15m	Swivel with fall indicator & 19mm steel snap hook	Swivel with 19mm steel snap hook	6.7kg
M1030081	15m	Stainless Steel 50kN TAK	Stainless steel swivel with Triple Action Karabiner (TAK) & fall indicator	6.95kg
1011750	20m	Swivel with fall indicator & 19mm steel snap hook	Swivel with 19mm steel snap hook	7.7kg
M1030082	20m	Stainless Steel 50kN TAK	Stainless steel swivel with Triple Action Karabiner (TAK) & fall indicator	7.95kg
<b>17MM POLYESTER WEBBING</b>				
1016794	6m	Aluminium 65mm scaff hook & stainless steel swivel	Swivel with Aluminium 18mm screw-gate karabiner	1.98kg
1016796	6m	Aluminium screw-gate karabiner stainless steel swivel	Aluminium 22mm snap hook	1.66kg
<b>4.5MM STAINLESS STEEL CABLE</b>				
M1030041	6m	Swivel with stainless steel Triple Action Karabiner (TAK)	Stainless steel swivel with Triple Action Karabiner (TAK) & fall indicator	4.25kg
1028680	6m	Swivel with stainless steel Triple Action Karabiner (TAK)	Swivel with Stainless Steel Triple Action Karabiner (TAK) & fall indicator	4.1kg
1028681	10m	Swivel	Swivel with 19mm steel snap hook & fall indicator	5.0kg
M1030040	10m	Swivel Stainless steel	Swivel with Stainless Steel Triple Action Karabiner (TAK) & fall indicator	5.25kg
M1030039	15m	Swivel Stainless steel	Swivel with Stainless Steel Triple Action Karabiner (TAK) & fall indicator	6.95kg
1028682	15m	Swivel	Swivel with 19mm steel snap hook & fall indicator	6.7kg
M1030038	20m	Stainless steel swivel with 17mm steel screw-gate karabiner	Stainless steel swivel with Triple Action Karabiner (TAK) & fall indicator	7.95kg
1028683	20m	Swivel	Swivel with 19mm steel snap hook & fall indicator	7.7kg



### TurboLite™ Type 2 Fall Arrest Device

- > Affordable alternative to shock-absorbing lanyards eliminating the need for different fall protection equipment to address fall clearance
- > Cost-effective, compact and light-weight, Miller TurboLite™ Personal Fall Limiters make the need for shock-absorbing lanyards obsolete
- > Retractable technology arrests falls within centimetres and prevents trip hazards while built in swivel prevents lifeline twisting
- > Can be used in horizontal and foot level applications where an overhead anchorage point is unavailable (refer to supplementary instructions for horizontal usage)
- > Engineered (Vectran/polyester) webbing for greater abrasion resistance and long service life
- > Fully compliant to AS /NZS 1891.3 as a type 2 fall arrest device
- > High-strength, impact-resistance nylon housing for maximum durability
- > Working Load Limit: 136kg

PART NO.	LENGTH	TOP CONNECTION	BOTTOM CONNECTION	WEIGHT
<b>POLYESTER WEBBING</b>				
MFL-1/2M-AUS	2m	Steel 25mm Twist-lock Karabiner	19mm Snap Hook	1.07Kg
MFL-2/2M-AUS	2m	Steel 25mm Twist-lock Karabiner	65mm Steel Scaffold Hook	1.36Kg
MFL-3/2M-AUS	2m	No connector	19mm snap hook	0.89Kg
MFL-12/2M-AUS	2m	Aluminium 25mm Twist-lock Karabiner	Aluminium 65mm Scaffold Hook	1.12Kg
MFL-13/2M-AUS	2m	Stainless Steel TAK	Stainless steel TAK	
1017900	2m	25mm Twist-lock Karabiner	19mm Aluminium Snap Hook	0.85Kg
1029902	2m	65mm Aluminium Scaff Hook	Aluminium TAK	0.85kg
1018013	2m	Stainless Steel TAK	65mm Aluminium Scaff Hook	0.89kg
MFLB	Easily adapts two Turbolites for continuous 100% tie-off. Increases worker productivity and versatility with freedom to move.			0.395kg
MFLC	Description as above.			0.178kg



MFLB



MFLC



MFLC with two TurboLite™ fall arrestors

Actual Size



# Fall Arrestors

Personal fall arrestors can limit a fall to within centimetres.



## TurboLite™ Edge Type 2 Fall Arrest Device



- > Affordable alternative to shock-absorbing lanyards eliminating the need for different fall protection equipment to address fall clearance
- > Cost-effective, compact and light-weight, the Miller TurboLite™ Edge makes the need for shock-absorbing lanyards obsolete
- > Polyamide shock absorber must be connected to the user end
- > Retractable technology arrests falls within centimetres and prevents trip hazards while built in swivel prevents lifeline twisting
- > Can be used in horizontal and foot level applications where an overhead anchorage point is unavailable (refer to supplementary instructions for horizontal usage)
- > Engineered (Vectran®/polyester) webbing for greater abrasion resistance and long service life
- > Fully compliant to AS/NZS 1891.3 as a type 2 fall arrest device
- > High-strength, impact-resistance nylon housing for maximum durability
- > Working Load Limit: 140kg

PART NO.	LENGTH	TOP CONNECTION	BOTTOM CONNECTION	WEIGHT
<b>POLYESTER WEBBING</b>				
<b>1033464</b>	2m	Aluminium 18mm Twist-lock Karabiner	Aluminium 60mm Scaffold Hook	1.40Kg
<b>1033465</b>	2m	Aluminium 18mm Twist-lock Karabiner	Aluminium 21mm Twist-lock Karabiner	1.06Kg

## Black Rhino™ Stainless Steel Wire Rope Type 2 Fall Arrest Device

- > Light-weight yet tough fall arrestor with stainless steel wire to keep you safe in the harshest working environments
- > Corrosion resistant stainless steel and aluminium components
- > Quick activating high strength stainless steel braking system limiting free fall to a minimum
- > Integral fall indicator exhibits signs if the unit sustains a fall
- > No annual factory recertification required - lowers cost of ownership and increases productivity
- > Suits concrete construction, welding, steel erection and food processing applications
- > Available with Triple Action Karabiner terminations (TAK)
- > Integral compact energy absorber
- > Fully compliant to AS /NZS 1891.3 as a type 2 fall arrest device
- > Working Load Limit: 140kg

PART NO.	LENGTH	TOP CONNECTION	BOTTOM CONNECTION	WEIGHT
<b>POLYESTER WEBBING</b>				
<b>CFL2.7M-7/-AUS</b>	2.7m	Steel twist-lock karabiner	Swivel with 19mm snap hook and fall indicator	2.4kg
<b>CFL2.7M-8/-AUS</b>	2.7m	Triple Action Karabiner	Swivel Triple Action Karabiner	2.2kg





## Scorpion™ Webbing Type 2 Fall Arrest Device

- > Affordable light-weight compact Type 2 fall arrestor, limits free falls and offers great mobility
- > No annual factory re-certification required
- > Visual fall indicator exhibits signs if the unit sustains a fall
- > Provides 2.7m of working capacity
- > Corrosion resistant internal components encased in a high impact polymer case
- > Small light-weight design
- > Retractable lifeline reduces the risk of tripping or snagging
- > Available with Triple Action Karabiner terminations (TAK)
- > Can be used in horizontal and foot level applications where an overhead anchorage point is unavailable
- > Quick activating stainless steel braking system limits free fall to a minimum
- > Fully compliant to AS /NZS 1891.3 as a type 2 fall arrest device
- > Working Load Limit: 140kg

PART NO.	LENGTH	TOP CONNECTION	BOTTOM CONNECTION	WEIGHT
<b>POLYESTER WEBBING</b>				
1008587	2.7m	Steel 17mm screw-gate karabiner	Steel 19mm swivel snap hook	1.8kg



## Scorpion™ Sharp Edge Type 2 Fall Arrest Device



- > Provides workers with an effective fall protection solution when working near sharp edges
- > Manufactured from 25mm polyamide sharp edge rated webbing
- > Compact and light-weight
- > Stainless steel/aluminium body encased in a high impact polymer cover
- > Quick activating stainless steel braking system limiting free fall to a minimum
- > No annual factory re-certification required
- > Corrosion resistant internal components
- > Fully compliant to AS /NZS 1891.3 as a type 2 fall arrest device
- > Working Load Limit: 140kg

PART NO.	LENGTH	TOP CONNECTION	BOTTOM CONNECTION	WEIGHT
<b>SHARP EDGE WEBBING</b>				
1016840	2.6m	Swivel with steel screw-gate karabiner	Steel 21mm snap hook	1.9kg
1016841	2.7m	Swivel with Aluminium 63mm scaffold hook	Aluminium screw-gate karabiner	1.9kg

# Fall Arrestors

Personal fall arrestors can limit a fall to within centimetres.



## DuraSeal™ Self Retracting Lifeline

- > Designed to perform in the harshest environments including onshore and offshore oil and gas, mining and petrochemical
- > Fully sealed to protect the brake system, power spring and bearing to ensure there is no exposure to debris, water (including rain) or chemicals.
- > The Miller® Rapid Replace field replaceable lifeline can be performed by the end-user in the field or an authorised Miller Repair Centre
- > The lightest weight sealed SRL offering includes models up to 30% lighter than competitive sealed SRLs for easier installation and transport
- > Built in hook swivel prevents lifeline from twisting
- > Meets IP68 and IP69K – a more stringent test requiring close range high-pressure/high temperature spray downs
- > Fully compliant to AS/NZS 1891.3 as a type 2 fall arrest device
- > Working Load Limit: 140kg

PART NO.	LENGTH	TOP CONNECTION	BOTTOM CONNECTION	WEIGHT
<b>STAINLESS STEEL CABLE</b>				
1034131-E	15m	Anchor loop with Karabiner	19mm steel swivel snap hook with fall indicator	12kg
1034135-E	30m	Anchor loop with Karabiner	19mm steel swivel snap hook with fall indicator	27kg
1034139-E	40m	Anchor loop with Karabiner	19mm steel swivel snap hook with fall indicator	28kg
1034143-E	53m	Anchor loop with Karabiner	19mm steel swivel snap hook with fall indicator	35kg



## MightyLite™ Type 2 Fall Arrest Device

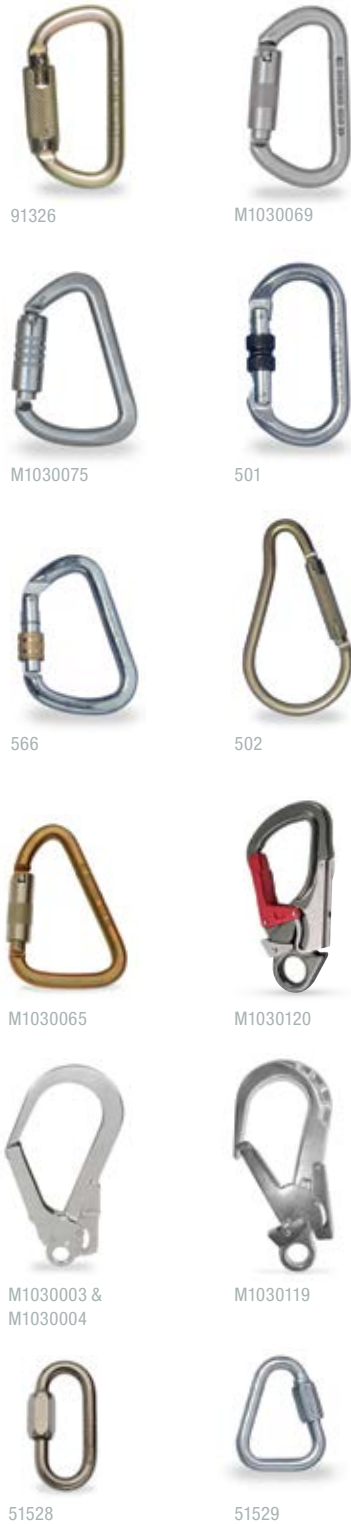
- > The MightyLite™ range of fall arrestors offers a comprehensive choice to suit many applications
- > Available in galvanised or stainless steel cable in lengths of 6m to 54m
- > Stainless steel internal components
- > Swivel top and bottom attachments minimise lifeline twisting
- > Easy to carry and install, ideal for hard to mount locations
- > Integral fall indicator hooks
- > Fully compliant to AS/NZS 1891.3 as a type 2 fall arrest device
- > Durable corrosion resistant construction
- > Suited to construction, industrial access and warehousing
- > Working Load Limit: 140.6kg



PART NO.	LENGTH	TOP CONNECTION	BOTTOM CONNECTION	WEIGHT
<b>GALVANISED CABLE</b>				
RL6MG	6m	Swivel	19mm steel swivel snap hook with fall indicator	5.4kg
RL10MG	10m	Swivel	19mm steel swivel snap hook with fall indicator	6.3kg
RL15MG	15m	Swivel	19mm steel swivel snap hook with fall indicator	9.9kg
RL20MG	20m	Swivel	19mm steel swivel snap hook with fall indicator	13.6kg
RL30MG	30m	Swivel	19mm steel swivel snap hook with fall indicator	24.4kg
RL40MG	40m	Swivel	19mm steel swivel snap hook with fall indicator	25.4kg
RL54MG	54m	Swivel	19mm steel swivel snap hook with fall indicator	32.6kg
<b>STAINLESS STEEL CABLE</b>				
RL54MS	54m	Swivel	19mm steel swivel snap hook with fall indicator	32.6kg

# Karabiners and Hooks

Karabiners act as a connection point between harness and ancillary fall arrestor, or between fall arrestor and anchorage point.



## Karabiners

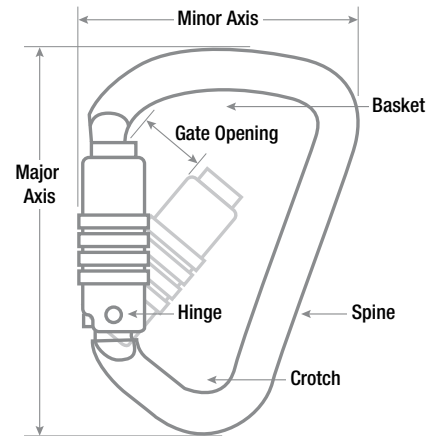
Miller® karabiners are designed for use as connectors within a fall arrest system, ladder climbing system, positioning system, suspension system, or retrieval system and are compliant with AS/NZS 1891.1 - Connection Hardware.

### For operation and installation of Miller double-action style karabiners

1. Twist karabiner gate
2. Open gate inward and make connection within the personal fall protection system as required
3. Release the gate making sure that it closes completely and locks

### For operation and installation of Miller triple-action karabiners

1. Push up on the gate
2. Twist karabiner gate
3. Open gate inward and make connection within the personal fall protection system as required
4. Release the gate making sure that it closes completely and locks



PART NO	DESCRIPTION	GATE OPENING	STRENGTH (MAJOR AXIS)	LENGTH	WEIGHT	MATERIAL
<b>TRIPLE ACTION KARABINER</b>						
91326	Triple Action with captive pin	18mm	30kN	104mm	200g	Alloy Steel
M1030069	Triple Action with captive pin	20mm	35kN	110mm	225g	Stainless Steel
M1030075	Triple Action with captive pin	26mm	50kN	119mm	302g	Stainless Steel
<b>SCREW-GATE KARABINER</b>						
501	Screw-gate	16mm	23kN	107mm	169g	Alloy Steel
566	Screw-gate	26.5mm	50kN	114mm	240g	Alloy Steel
<b>TWIST LOCK KARABINER</b>						
502	Twist-lock	65mm	35kN	223mm	764g	Alloy Steel
<b>MODIFIED D KARABINER</b>						
M1030065	Pin-lock	26mm	50kN	120mm	250g	Hardened Steel
<b>SNAP HOOK</b>						
M1030120	Triple Action	22mm	23kN	141mm	134g	Aluminium
<b>SCAFFOLD HOOK</b>						
M1030003	Double Action	64mm	23kN	252mm	603g	Alloy steel
M1030004	Double Action	57mm	23kN	217mm	514g	Alloy steel
M1030119	Triple Action	60mm	23kN	253mm	503g	Aluminium
<b>TUBE NUT</b>						
51528	Oval	14mm	30kN	62mm	60g	Stainless Steel
51529	Triangular	12mm	60kN	86mm	155g	Stainless Steel





# Anchorage

The third component of a fall safety system. Miller® anchorage devices and static lines provide safe anchorage for your lanyard or fall arrestor.

## Anchorage Lines & Type 1 Fall Arrest Devices

- > Sharp Edge Anchorage Lines
- > Polyester & Kernmantle Anchorage Lines
- > Rope Adjuster
- > Kiblock
- > Altochute
- > Rocker Rope Lock
- > Extender Hook
- > Friction Bolt Anchor
- > Anchor Grips™
- > Toggle Lok™
- > Beam Anchor & Clamps
- > Manulink™
- > Anchorage Eye
- > Bolt-through Anchorage Connector
- > Fixed Bolt Anchorage Connector
- > Ladder Grip
- > Fix Anchor Point
- > Roof Anchor
- > Roof Clamp
- > Cross Arm Sling
- > Wire Tie-off
- > Webbing Tie-off
- > Dee Reversed Eye
- > Weight Bag



Page 46

## Temporary Static Lines & Accessories

- > SkyGrip™
- > Rope Temporary Static Line
- > Webbing Temporary Static Line
- > Relief Step™
- > Hand Tool Strap
- > Sports Carry Bag



Page 51

## DuraHoist™ Confined Space and Rescue

- > DuraHoist™ Confined Space System
- > DuraHoist™ Components



Page 56

## SafEscape™ Rescue and Descent

- > SafEscape™ without hoisting wheel
- > SafEscape™ with hoisting wheel
- > SafEscape™ with hoisting wheel and ladder adaptor
- > SafEscape™ with hoisting wheel, handle and ladder adaptor



Page 58

## Rescue Systems

- > QuickPick™ Rescue Kit
- > Huntsman Rescue Kit
- > Rescue Master
- > Davit System
- > Tripod
- > Manhandler™
- > MightEvac™
- > Pulley Block Assembly



Page 62

## Descent Systems

- > Vertical Descent Unit
- > Bosun's Chair
- > Spreader Frame
- > Evac Body Splint
- > Escape Master



Page 64

# Anchorage Lines & Type 1 Fall Arrest Devices

Providing a safe method of securing lanyards and fall arrestors in a variety of workplace applications.



## Sharp Edge Anchorage Line



- > Manufactured from robust 12.7mm Sharp Edge rated kernmantle rope
- > Type 1 fall arrestor moves along the rope and locks in the event of a fall
- > For applications where fall protection equipment may come into contact with a sharp edge
- > Perfect for use as a back-up line when using winches or fall arrestors

PART NO.	LENGTH	ROPE DIA.	CONNECTIONS
M1070023	5m	12mm	Screw-gate Karabiner and Type 1 Fall arrestor
M1070024	15m	12mm	Screw-gate Karabiner and Type 1 Fall arrestor
M1070029	30m	12mm	Screw-gate Karabiner and Type 1 Fall arrestor
M1070036	20m	12mm	Triple Action Karabiners and Type 1 Fall arrestor
M1070037	30m	12mm	Triple Action Karabiners and Type 1 Fall arrestor

## Polyester and Kernmantle Anchorage Lines

- > Available as a standard anchorage line in different lengths, with a type 1 fall arrest device attached
- > Type 1 fall arrestor moves along the rope and locks in the event of a fall
- > Available in 12mm 3-strand hawser laid polyester rope (standard) and 11mm kernmantle rope
- > Perfect for roof work and as a back-up line when using winches or fall arrestors



Kernmantle Rope



Polyester Rope

PART NO.	LENGTH	ROPE DIA.	CONNECTIONS
<b>KERNMANTLE ROPE</b>			
M1070019	15m	11mm	Screw-gate Karabiner and Type 1 Fall Arrestor
M1070059	25m	11mm	Screw-gate Karabiner and Type 1 Fall Arrestor
<b>POLYESTER ROPE</b>			
M1070008	15m	12mm	Screw-gate Karabiner and Type 1 Fall Arrestor
A23RB15	15m	12mm	19mm hook without Type 1 Fall Arrestor
M1070015	15m	12mm	Triple Action Karabiners without Type 1 Fall Arrestor
M1010027	20m	12mm	Screw-gate Karabiner and Type 1 Fall Arrestor
A23RB20	20m	12mm	19mm Hook without Type 1 Fall Arrestor
A23RB30	30m	12mm	19mm Hook without Type 1 Fall Arrestor
M1010028	30m	12mm	With Type 1 Fall Arrestor



### Rope Adjuster



- > Type 1 fall arrest device locks off on the rope at any point
- > Suits Miller® 12mm polyester rope or Miller® 11mm kernmantle rope
- > Manually operated to move up and down the line
- > Suitable for horizontal line work

PART NO.	ROPE DIA.
<b>TYPE 1 FALL ARRESTOR</b>	
<b>ROPE ADJUSTER</b>	Suits 12mm Polyester and 11mm Kernmantle Rope

### Kiblock



- > Type 1 fall arrest device
- > Openable and can be attached to rope at any point
- > Manually operated to move up and down the line
- > Suits both Miller® 12mm polyester rope or Miller® 11mm kernmantle rope

PART NO.	ROPE DIA.
<b>TYPE 1 FALL ARRESTOR</b>	
<b>KIBLOCK</b>	Suits 12mm Polyester and 11mm Kernmantle Rope

### Altochute



- > Type 1 fall arrest device
- > Openable and attaches to rope at any point
- > Automatically locks onto the rope in the event of a fall
- > Suits Miller® 12mm or 16mm polyester rope
- > Suitable for both horizontal and vertical line work

PART NO.	ROPE DIA.
<b>TYPE 1 FALL ARRESTOR</b>	
<b>ALT/12</b>	Suits 12mm Polyester Rope
<b>ALT/16</b>	Suits 16mm Polyester Rope

### Rocker Rope Lock



- > Versatile Type 1 fall arrest device for use with a manual descender for technical rope access or rescue
- > Manual and automatic rope grab
- > Length adjuster for positioning lanyard
- > Locking catch can be activated to hold rocker in position on the rope
- > For use with 12mm polyester rope or Miller® 11mm kernmantle rope

PART NO.	DESCRIPTION
<b>1007031</b>	Rocker Rope Lock (rope grab). Suits 12mm polyester and 11mm kernmantle rope.

### Extender Hook



- > For user to attach to a secure overhead anchorage point up to a height of 7.5m
- > Light-weight fibreglass telescopic pole (2.6m retracted)
- > Aluminium hook with 63mm gate opening
- > Used in conjunction with an anchorage line as a "first man" up system
- > Suits riggers, linesmen & tower workers

PART NO.	LENGTH	DESCRIPTION
<b>EXTEND/HK</b>	7.5m	63mm throat opening

# Anchorage

Providing a safe method of securing lanyards and fall arrestors in a variety of workplace applications.

## Friction Bolt Anchor



Miller Mining Grip

- > A portable/reusable anchorage connector, exclusively for use with a 39mm outer diameter friction bolt
- > Safe anchor point for a single user or for use with SkyGrip™ Horizontal Lifeline components for a two-person system
- > Constructed of stainless steel, aluminium and non-corrosive materials
- > Working Load Limit 181kg

PART NO.	DESCRIPTION
494	For 39mm Dia. friction bolt – UTS 44kN
M1030078	Miller Mining Grip. Suits 46mm and 47mm split set type rock bolts – UTS 44kN

## Anchor Grips™



- > Portable/reusable anchorage connectors for use in cured concrete
- > A safe anchor point is established when the Miller Grip anchor is inserted into a properly sized, cured concrete hole
- > Designed for vertical or overhead/ceiling surface applications
- > Constructed of stainless steel, aluminium and non-corrosive materials

PART NO.	DESCRIPTION
496	For 19mm Dia. Hole, Single Use – UTS 22kN
497*	For 25.4mm Dia. Hole, Dual Use – UTS 44kN

Suits dual user when used with a horizontal lifeline system

## Toggle Lok™



- > For fall protection, life line systems, restraint, work positioning, and tie-back anchors
- > Designed for use in 38mm-102mm thick precast concrete and 6mm-102mm thick steel flanges
- > For lifting, hoisting, or tie-back.
- > Not for use in wood or any other substrate
- > Can be placed in: Horizontal, Vertical and Overhead/ceiling surfaces

PART NO.	DESCRIPTION
M1030084	For 20mm Dia. Hole, Single Use – UTS 22kN

## Beam Anchor & Clamps



- > For use on "I" beams
- > M1030114 trails hands-free
- > M1030118 trails hands-free
- > 8815-12 clamps to beam in a fixed position

PART NO.	DESCRIPTION
M1030114	Sliding Clamp fits 76-305mm – UTS 22kN
M1030118	Sliding Clamp fits 305-762mm - UTS 22kN
8815-12	Fixed Anchor fits 101-304mm – UTS 22kN

## Manulink™ Anchorage



- > Tong opening style anchorage
- > Used to hook personal protective equipment to a structure
- > Suits one person anchorage 15kN
- > Three sizes are available to suit a variety of structure diameters:
  - 82-301 suits up to 75mm
  - 82-302 suits up to 100mm
  - 82-303 suits up to 140mm

PART NO.	DESCRIPTION
82-301	Suits 75mm diameter structures (Small)
82-302	Suits 100mm diameter structures (Medium)
82-303	Suits 140mm diameter structures (Large)

## Anchorage Eye



- > Single person Fall Arrest Anchor Point
- > Rotates/swivels 360 degrees.
- > Compact and light-weight
- > Use with M16 bolt of suitable length to fit the anchor point (bolt not supplied)

PART NO.	DESCRIPTION
25758	Anchorage Eye – UTS 22kN
25779	Swivelling Anchorage Eye – UTS 22kN

### Bolt-through Anchorage Connector



- > Drop forged alloy steel
- > Clearance hole for 1 bolt
- > Maximum tensile strength of 22kN
- > Connector weight: 450g
- > Bolt not supplied

PART NO.	DESCRIPTION
91311	Bolt through anchorage connector

### Fixed Bolt Anchorage Connector



- > Drop forged alloy steel with grade 9 nut and lock washer
- > Maximum tensile strength of 22kN
- > Connector weight: 309g approximately

PART NO.	DESCRIPTION
91310	Fixed bolt anchorage connector

### Ladder Grip



- > Ladder bracket/fall arrest anchor point that can be permanently attached to a roof preventing movement of ladder
- > Can be used as a fall arrest anchor point for 1 person
- > Easily mounts on single or across multiple ridges. Unit is fitted with a weather seal and is supplied with mounting rivets

PART NO.	DESCRIPTION
M1030061	Ladder Grip – UTS 15kN

### Fix Anchor Point



- > Provides safe and secure anchorage point for one person during maintenance and roof work
- > For Xenon (1010609) and other lines it can be used as a support of intermediates
- > Each unit is fitted with a weather seal and is supplied with mounting rivets

PART NO.	DESCRIPTION
M1030055	Fix Anchor Point – UTS 15kN

### Roof Anchor



- > Provides a safe and secure fall arrest or restraint anchorage point for maintenance and roof work
- > Right angled anchor plate clamps securely onto a roof edge
- > Curved arm suits corrugated roofs
- > Screws clamp to roof for extra stability
- > Only for structures conforming to load requirements set out in AS/NZS 1891.4

PART NO.	DESCRIPTION
M1030048	Roof Anchor – UTS 15kN

### Roof Clamp



- > Provides safe and secure anchorage point for maintenance and roof work
- > Single person fall arrest anchor point
- > Easy installation – clamps on to roofing material quickly and easily
- > High visibility orange colour
- > Only for structures which conform to the load requirements in AS/NZS 1891.4:2009

PART NO.	DESCRIPTION
M1030067	Roof Clamp – UTS 15kN



# Anchorage

Providing a safe method of securing lanyards and fall arrestors in a variety of workplace applications.

## Cross Arm Sling



- > Quick and easy set up of a temporary anchorage for a lanyard or fall arrestor
- > With large and small alloy dees at each end
- > Chokes through itself around a suitable anchorage point
- > Lanyard attaches via small alloy d-ring
- > For one or two person use only

PART NO.	LENGTH	DESCRIPTION
<b>CAS1</b>	1m	UTS 24kN Choker
<b>CAS2</b>	2m	UTS 24kN Choker

## Wire Tie-off



- > Suitable for use over sharp edges or in welding environments
- > Quick and easy set up of a temporary anchorage for a lanyard or fall arrestor
- > 6mm plastic coated galvanised wire
- > Thimble eyes at each end
- > For single person use only

PART NO.	LENGTH	DESCRIPTION
<b>PCL1</b>	1m	UTS 20kN
<b>PCL2</b>	2m	UTS 20kN

## Webbing Tie-off Adaptor



- > Economical and easy to use
- > Quick and easy set up of a temporary anchorage for a lanyard or fall arrestor
- > Wraps around an anchorage point providing a suitable connection
- > Made from 25mm Day-Glo webbing
- > Single person anchorage point

PART NO.	LENGTH	DESCRIPTION
<b>WT01M</b>	1m	UTS 24kN Straight Pull
<b>WT02M</b>	2m	UTS 24kN Straight Pull

## Dee Reversed Eye



- > Quick and easy set up of a temporary anchorage for a lanyard or fall arrestor
- > 1m anchorage strap with d-ring at one end and reversed eye on other
- > Protective sleeve prevents webbing wear
- > Lanyard attaches via small d-ring
- > For single person use only

PART NO.	DESCRIPTION
<b>ME1009</b>	UTS 20kN

## Weight Bag



- > Used to keep an anchorage line taut
- > Enables easier movement of a rope grab device

PART NO.	DESCRIPTION
<b>M1004</b>	Drop Line Weight Bag

# Temporary Static Lines

Safe anchorage where access along a length of area is required on a temporary basis.

## SkyGrip™

- > The Miller® SkyGrip™ HLL Cable Systems are designed for easy installation on steel or concrete applications. Innovative features have been engineered into these new systems, making them extremely user friendly with enhanced safety considerations
- > Engineered and safety tested by industry experts in fall forces and system design
- > Above-the-beam adjustment – patent-pending design allows for easy one-person installation and dismantle, increasing safety and productivity
- > Continuous pass-through design – 100% tie-off connection with multi-span systems
- > Stanchions also serve as single-point anchorages
- > Single-span systems (no intermediate stanchions) up to 18.3m
- > System tension indicator ensures accurate fall clearance requirements
- > Interchangeable bases between steel and concrete applications, maximises investment and increases versatility
- > Durable zinc-plated steel construction – corrosion resistant for increased durability and longer service life
- > Compact, stainless steel energy absorber keeps system forces consistent during a fall – minimises fall clearance and maintains low system forces for up to 6 workers on systems for steel and up to 5 workers on systems for concrete (max. 2 workers per span)

PART NO.	DESCRIPTION	LENGTH	PASS THROUGH STANCHIONS INTER. STANCHIONS	BRACKETS FOR	WORKERS
<b>STANDARD BASE FOR STEEL APPLICATIONS</b>					
<b>SGS18/30FT</b>		9m	2	0	2
<b>SGS18/60FT</b>		18m	2	0	2
<b>SGS18/120FT</b>		36.5m	3	1	4
<b>SGS18</b>	Stanchion				
<b>SGSB18</b>	Standard base				
<b>SGSEXT18</b>	Extension bar w/adjuster				
<b>LARGE BASE FOR STEEL APPLICATIONS</b>					
<b>SGS36/30FT</b>		9m	2	0	2
<b>SGS36/60FT</b>		18m	2	0	2
<b>SGS36/120FT</b>		36.5m	3	1	4
<b>SGS36/180FT</b>		54.8m	4	2	6
<b>SGS36/240FT</b>		73m	5	3	6
<b>SGS36/300FT</b>		91.4m	6	4	6
<b>SGS36</b>	Stanchion				
<b>SGSB36</b>	Large base				
<b>SGSEXT36</b>	Extension bar w/adjuster				
<b>STANDARD BASE FOR CONCRETE APPLICATIONS</b>					
<b>SGC/30FT</b>		9m	2	0	2
<b>SGC/60FT</b>		18m	2	0	2
<b>SGC/120FT</b>		36.5m	3	1	4
<b>SGC</b>	Stanchion w/base				
<b>SGCB</b>	Base				
<b>SGCA</b>	Tie-back brackets, chain connectors, slider brackets & hardware x 2				
<b>SGLLK/60FT</b>	Lifeline cable	18m			
<b>SGLLK/120FT</b>	Lifeline cable	36m			
<b>SGIP</b>	Stanchion Post				
<b>SGIH</b>	Intermediate Pass-through Kit				
<b>SGXK</b>	Stainless steel energy absorber with tension indicator and two shackles				
<b>SGX</b>	Stainless steel energy absorber				



Steel application



Concrete application

# Temporary Static Lines

Safe anchorage where access along a length of area is required on a temporary basis.



## Rope Temporary Static Line

- > A two person fall arrest system, ideal for situations where access along a length of an area is required on a temporary basis
- > 16mm three strand Hawser laid nylon rope
- > Harip tensioning device for precision tensioning
- > 2 x split running blocks - which can be removed from the line at any point, and re attached
- > Kit packed into a carry bag for easy transportation

PART NO.	LENGTH	DESCRIPTION
<b>SR01</b>	20m	3 x webbing tie-off adaptors, 3 x 501 karabiners and 2 x 566 karabiners
<b>SR02</b>	30m	3 x webbing tie-off adaptors, 3 x 501 karabiners and 2 x 566 karabiners



## Webbing Temporary Static Line

- > Light-weight 20m static line complete with ratchet tensioner for two person use
- > 20m webbing line with ratchet tensioner
- > Webbing line sewn to storage bag
- > Easy to install and remove from site
- > Temporary system to suit applications in: Construction, Maintenance and Roof Work

PART NO.	WEBBING LENGTH
<b>3501418</b>	20m of 30mm webbing



# Accessories

Accessories to complement your height safety system.

## Relief Step™



- > Designed for the temporary prevention of suspension trauma, the Relief Step™ is adaptable to any full body harness
- > Compact pack includes a webbing strap and foot loop
- > Designed for the temporary prevention of suspension trauma, the Relief Step™ is easily attached to ANY full body harness
- > Provides support and helps blood circulation until rescue occurs
- > Utilising two (2) Relief Steps (one for each leg/foot) assures greater comfort until rescue is completed
- > Pull tab to deploy and adjust length of foot loop

PART NO.	DESCRIPTION
9099X/12	12 Pack
9099/1	Single

## Bandit Tool Strap



- > Used to attach tools whilst working at height preventing tools from accidentally falling off
- > Tool lanyard conveniently attaches to the user's belt
- > Features elasticised webbing wrist attachment and attachment to the tool via a mini karabiner or adjustable clinching cord
- > 800mm retracted length and 1.2m fully extended
- > Maximum tool weight 2.26kg

PART NO.	DESCRIPTION
9077	1.2m fully extended

## Hand Tool Strap



- > Used to attach tools whilst working at height preventing tools from accidentally falling off
- > Features light-weight webbing with cord at one end for tool attachment and adjustable wrist strap other end for connection to user
- > Maximum tool weight: 5kg
- > Length: 1.1m

PART NO.	DESCRIPTION
TL 15	Single
M1020115	Single 500mm
M1020112	10 Pack
M1020113	50 Pack



## Sports Carry Bag

- > The Miller® sports carry bag offers users the convenience of a double handled bag suitable for transporting gear
- > Sports carry bag for easy transportation of PPE
- > Heavy duty double zip top
- > Perfect for keeping kits and equipment together

PART NO.	DESCRIPTION
86103	Heavy Duty Sports Carry bag

## DuraHoist™ Post

A modular system providing greater workplace flexibility and safety for confined space and rescue





DH-AP-1

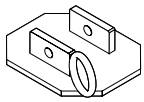
## DuraHoist™ Portable Fall Arrest Post and Extension Post

The Portable Fall Arrest Post and Extension Post provide three independent swivel tie-off points for fall arrest anchorage (three workers maximum in any configuration) and feature a three stage-four positioning telescoping design.

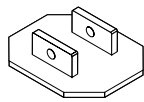
- > Constructed in light weight aluminium for easy transportation and set-up
- > Levelling screws allow the system to be plumbed to vertical on inclines of up to 15 degrees
- > Portable and fixed bases for versatile use
- > Quick attach design assembles easily
- > Telescopic design allows overall height to be adjusted in three stages (0.83m to 1.45m)

PART NO.	DESCRIPTION	WEIGHT
<b>PORTABLE POSTS</b>		
<b>DH-AP-1</b>	Portable Fall Arrest Post 0.83m to 1.45m Portable fall arrest anchor post provides 3 independent swivel tie-off fall arrest anchorage points Can be installed for vertical applications or on inclines of up to 15 degrees	17.2kg
<b>DH-AP-2</b>	Extension Post 0.36m	2.0kg
<b>DH-AP-3</b>	Rescue Davit Arm with three stage, four position telescoping design – 0.82m to 0.92m	9.3kg

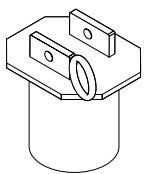
<b>BASES FOR PORTABLE POSTS</b>		
<b>DH-AP-4</b>	Plate with tie-off anchor	5.4kg
<b>DH-AP-5</b>	Standard plate	5.3kg
<b>DH-AP-6</b>	Plate for inclined surfaces with tie-off anchor	10.9kg
<b>DH-AP-7</b>	Plate for inclined surfaces	10.6kg
<b>DH-AP-9</b>	Portable beam clamping base	25.4kg
<b>DH-AP-12</b>	Bolt-on anchor plate	19.5kg



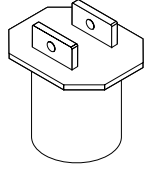
DH-AP-4



DH-AP-5



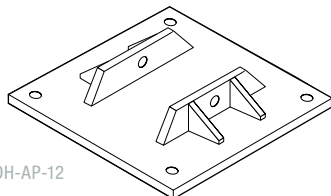
DH-AP-6



DH-AP-7



DH-AP-9



DH-AP-12



DH-AP-3



DH-AP-2



# DuraHoist™ 4 Piece System

A modular system providing greater workplace flexibility and safety for confined space and rescue





## DuraHoist™ Confined Space System

Miller® DuraHoist™ Confined Space Systems provide safe, light-weight and portable solutions for a variety of confined space applications including confined space entry, rescue, positioning and personnel/material handling.

Manufactured from powder-coated, corrosion resistant, high strength aluminium for easy handling and long service life.

PART NO.	DESCRIPTION	WEIGHT
<b>FOUR PIECE HOIST / WINCH SYSTEM</b>		
DH-3	One-Piece Adjustable Mast Mast has 22kN maximum capacity fall arrest anchor point The height of the mast can be adjusted according to user's requirements	13.2kg
DH-4	Three-Piece Portable Base Base has a built-in level indicator Quick connect joins collapse easily facilitating easy transportation	27.7kg

A range of components on offer to tailor the DuraHoist™ System to suit your specific requirements.



PART NO.	DESCRIPTION	WEIGHT
<b>BASE OPTIONS</b>		
DH-5	Barrel Mount Sleeve with .09m Opening, Zinc-plated, Mild Steel	16.3kg
DH-6	Adjustable Barrel Mount Sleeve, Anodized Welded aluminium with zinc-plated Steel Hardware	25.4kg
DH-7ZP	Floor Mount Sleeve, Zinc-plated, Mild Steel	5.9kg
DH-7SS	Floor Mount Sleeve, 304 Stainless Steel	6.1kg
DH-8ZP	Wall Mount Sleeve, Zinc-plated, Mild Steel	5.4kg
DH-8SS	Wall Mount Sleeve, 304 Stainless Steel	5.9kg
DH-9SS	Core Mount Sleeve, 304 Stainless Steel	3.6kg
DH-9ZP	Core Mount Sleeve, Zinc-plated, Mild Steel	3.6kg
<b>MANHOLE COLLARS</b> Manhole collars are available in sizes .44m to .70m		
DH-12	Vehicle Hitch Mount Sleeve - 0.74m offset	22.2kg
DH-25	Vehicle Hitch Mount Sleeve - 1.22m offset Vehicle Hitch Mount Sleeve is designed to install into a .05m receiver on an attendant vehicle to provide a portable anchor point for confined space entry/retrieval, rescue and fall arrest applications	
DH-20ZP	Flush Floor Mount Sleeve, Zinc-plated, Mild Steel	10.9kg
DH-20SS	Flush Floor Mount Sleeve, 304 Stainless Steel	11.3kg
DH-20GP	Flush Floor Mount Sleeve, Galvanised	11.0kg
<b>MAST OPTIONS</b>		
DH-21	0.30m to .74m adjustable offset upper mast Two Piece Upper Mast compatible with any two lower mast extensions not exceeding a combined height of 2.29m	10.4kg
DH-23	0.76m to 1.22m adjustable offset upper mast Two Piece Upper Mast compatible with any two lower mast extensions not exceeding a combined height of 1.98m	13.2kg
DH-22/21	0.53m Lower Mast Extension	6.4kg
DH-22/33	0.84m Lower Mast Extension	7.7kg
DH-22/45	1.14m Lower Mast Extension	9.1kg
DH-22/57	1.45m Lower Mast Extension	10.4kg
<b>ACCESSORIES</b>		
DH-13	Vehicle Hitch Mount 0.61m Extension, Zinc-plated	7.7kg
DH-14	Multi-Directional Bumper Receiver, Zinc-plated	3.9kg
DH-16	.05m Ball Hitch Adapter, Zinc-plated	8.6kg
DH-19	Winch Mount Bracket	0.73kg
DH-19-MILLER	Complete Mounting Bracket - for use with MightEvac and Manhandler Winches	1.4kg



# SafEscape™

Elite Rescue/Descent Device. The next generation global solution for rescue/descent that meets all applicable safety standards throughout the world.



## Pigtail

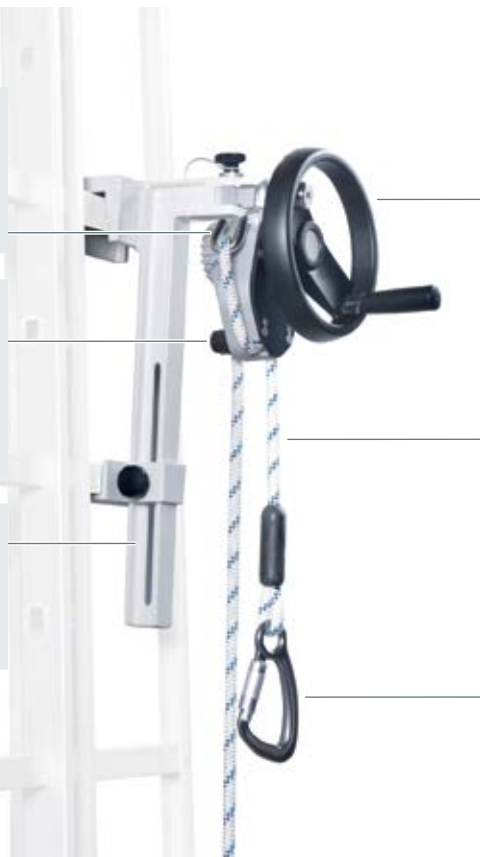
Provides added descent control during rescue operations.

## Cam Cleat

Designed for use with pigtail to lock-off device and stabilise or hold individual during rescue.

## Ladder Adaptor

Easily attaches to fixed ladder rungs (optional).



## Hoisting Wheel and optional Handle

Easy grip design (foldable handle) assists with a variety of scenarios during emergency rescue.

## Bi-Directional Design

As descent is initiated, the other end of lifeline ascends readying for another rescue.

## Karabiners

Standard connectors on all devices. Meets Australian and New Zealand Standard.



Without hoisting Wheel

With hoisting wheel



With hoisting wheel & ladder adaptor

With hoisting wheel, handle & ladder adaptor



T-bar



Telescopic Pole

## SafEscape™

- > No annual recertification
- > Rated for up to two workers
- > Approved for multiple descents
- > Bi-directional design
- > Up to 500m lifeline descent capacity
- > Light-weight and compact design
- > Working load limit 250kg
- > Optional hoisting wheel and or ladder bracket



PART NO.	DESCRIPTION
<b>WITHOUT HOISTING WHEEL</b>	
1028750	20m rope
1028752	40m rope
1028756	80m rope
<b>WITH HOISTING WHEEL</b>	
1028769	20m rope
1028771	40m rope
1028775	80m rope
<b>WITH HOISTING WHEEL AND HANDLE</b>	
1029150	20m rope
1028152	40m rope
1028156	80m rope
<b>WITH HOISTING WHEEL AND LADDER ADAPTOR</b>	
1028788	20m rope
1028790	40m rope
1028794	80m rope
<b>WITH HOISTING WHEEL, HANDLE AND LADDER ADAPTOR</b>	
1029169	20m rope
1029171	40m rope
1029175	80m rope
<b>COMPONENTS</b>	
1028808	Edge Protector
1028809	T-Bar
1007038	Single Aluminium Pulley
M1070035	Telescopic Pole - 1.8m to 3.65m aluminium fibre glass extension pole
1029310	Storage Case

Fully sealed and extremely durable Humidity-Resistant Storage Case provides 10 year storage life for Miller® SafEscape ELITE Wind Energy Kit significantly reducing inspection and maintenance costs. External humidity indicator provides easy inspection of seal without opening the case.



Storage Case



Aluminium Pulley



Edge Protector



# Rescue Systems

Providing safe anchorage for work positioning and rescue in a variety of workplace applications.



## QuickPick™ Rescue Kit

- > Designed for situations where a worker in a harness needs to be rescued
- > QuickPick™ rescue kit only requires an overhead anchorage
- > The components are assembled in one easy-to-store kit
- > Highly efficient hauling system with a 5:1 lifting ratio making heavy loads easier to lift
- > 250kg working load
- > Kit contains:
  - Back-up braking system
  - Colour-coded, high-strength aluminium pulleys for easy orientation
  - 11mm kernmantle rope
  - Telescopic remote rescue connection pole with clip (1.2m extended to 3.6m)
  - Triple Action Karabiner and pigtail
  - Hand tool strap
  - Webbing Tie-off Adaptor
  - Convenient back-pack

PART NO.	WORKING LENGTH	PART NO.	WORKING LENGTH
M1070039	10m	M1070041	25m
M1070040	15m	M1070042	30m



Bag is subject to change without notice

## Huntsman Rescue Kit

- > Designed for situations where a worker in a harness needs to be rescued
- > Complete with 8mm kernmantle rope and compact blocks
- > New telescopic pole adjusts to 3.6m
- > Block and tackle design with a ratio of 4:1 or 5:1 (depending on direction of load) making recovery easier.
- > With Triple Action Karabiners for secure connection.
- > Compact carry bag for easy transportation
- > Webbing tie-off adaptor

PART NO.	WORKING LENGTH
M1030049	20m
M1030050	30m
M1030051	40m
M1030052	50m
M1030053	60m

# Rescue Systems

Providing safe anchorage for work positioning and rescue in a variety of workplace applications.

## Rescue Master



- > A comprehensive kit with fall protection mechanism specifically designed to assist in conducting a rescue from difficult to access areas
- > Kit contains high quality 11mm kernmantle rope, raising and lowering pulleys with a 3:1 ratio
- > Available in two versions, complete kit and light kit
- > Light kit contains pulleys, rope and tie-off
- > Complete kit contains rope grip and chest strap for rescue
- > Can also be used with Miller® Tripod or DuraHoist™ davit system
- > Working length of rope is 14.5m
- > Working load limit - 200kg

PART NO.	LENGTH	DESCRIPTION
RM-45M-L	15m	Light Kit
RM-45MT	15m	Complete Kit

## Davit System



- > The Davit arm and base are coupled together to provide a fixed anchorage point for work winches or rescue systems for access into confined spaces
- > The davit arm can be removed from the base and moved from job to job, where there are other bases. The arm is able to swivel, and provides easy access in many situations
- > Addition of a secondary plate adapts the unit to suit the Miller® Manhandler™ winch
- > Designed principally around the lifting of personnel
- > Anchor point suited to fall arrest
- > Suitable for: Confined Space Applications, Industrial Access and Rescue Applications
- > Working load limit - 130kg for single person use

PART NO.	DESCRIPTION
DL 120B	Davit Base
DL 120DA	Davit Arm

## Tripod



- > The Miller® Tripod is the anchor point for typical confined space and rescue systems
- > Available in high-strength aluminium construction - 2m and 2.7m
- > Adjustable legs with integral push pins, ideal for uneven surfaces
- > Independent leg locking feature hold legs securely in place
- > Safety chain and tripod feet with rubber skid pads and serrated edge prevents slippage in icy conditions
- > Fixed anchorage eye will withstand 22kN in a vertical pull
- > Working load limit - 181.4kg

PART NO.	HEIGHT	WEIGHT
TRI/7	2.26m	15kg
TRI/9	2.92m	19kg



### Manhandler™



- > The Miller® Manhandler™ Winch is the perfect solution for a range of applications including confined space entry, rescue, positioning and personnel emergency rescue
- > Compact, durable steel construction
- > Smooth, controlled winding action for effortless lifting and lowering with a 5:1 gear ratio
- > Anti-backlash crank handle braking system prevents freewheeling
- > Built-in mounting bracket
- > 159kg working capacity

PART NO.	LENGTH
MAN/WIN	18m Galvanised Wire Rope
MAN/WIN 30 MT	30m Galvanised Wire Rope



### MightEvac™



- > The Miller® MightEvac™ Type 3 Fall Arrest Device combines the superior performance and reliability with a quick-activating retrieval mechanism for emergency evacuation
- > No annual factory recertification required and 20% lighter than competitive models
- > Corrosion-resistant stainless steel/ aluminium housing and internal components. Comes with convenient, heavy-duty carrying handle
- > Promotes quick and easy rescue with a 4:1 mechanical advantage (average speed of 7.6m per minute)
- > Single person fall arrest anchor point
- > Not to be used for work positioning
- > Available with galvanised wire in various lengths and with a mounting bracket for use with the Miller® Tripod & DuraHoist™
- > 140.6kg working capacity

PART NO.	LENGTH	DESCRIPTION
MR15MGB	15m	Galvanised Wire Rope
MR30MGB	30m	Galvanised Wire Rope
MR40MGB	40m	Galvanised Wire Rope
M1030036	15m	Galvanised Wire Rope Stainless Steel TAKs with fall indicator – without bracket
M1030035	30m	Galvanised Wire Rope Stainless Steel TAKs with fall indicator – without bracket
M1030113	15m	Galvanised Wire Rope Stainless Steel TAKs with fall indicator

### Pulley Block



- > The Miller® Pulley Block Assembly for use with Miller® Tripods accommodates up to 6.3mm rope or cable
- > Made from stainless steel with sealed bearings
- > Maximum working load - 181kg
- > Tensile Strength - 22kN
- > Length 82.55mm
- > Width 19mm
- > Sheave outside diameter 63.6mm

PART NO.	DESCRIPTION
CP105	For use with Miller® Tripods



# Descent Systems

Providing safe methods of descent from height.

## Vertical Descent Unit



- > The DSD 30 vertical descent unit enables the operator to control the rate at which they descend to the ground.
- > Can be used by 2 people simultaneously
- > Clear roping path printed on the unit – suitable for 11mm and 12mm ropes
- > The unit swings open for easy threading
- > Stainless Steel riveted axis handle
- > Double locking with double security handle
- > 15mm hole for karabiner attachment at bottom

PART NO.	DESCRIPTION
M1030029	Suitable for 11mm and 12mm rope

## Bosun's Chair



- > The Bosun's Chair is made to suit a wide variety of situations from confined space to working at height
- > Ultimate tensile strength >15kN
- > It features a safety body belt
- > Spreader frame with overhead suspension
- > Adjustable leg straps
- > Marine plywood board seat
- > With 22kN snap hook

PART NO.	DESCRIPTION
453	Tensile Strength >15kN

## Spreader Frame



- > Spreader Frames aid in the rescue of victims from confined spaces especially in a vertical rescue situation
- > The 468 Spreader Frame connects quickly and easily to the confined space loops on any harness
- > Universal spreader bar karabiners can be attached to harness shoulder straps
- > Top d-ring for attachment to a lifting and lowering device
- > Wrist loops assist in removing the casualty from a confined space
- > Sturdy frame allows worker to comfortably use a hard hat
- > UTS>15kN

PART NO.	DESCRIPTION
468 FRAME	Spreader Frame
M1010036	Universal Spreader Frame

## Evac Body Splint



- > The light-weight body splint is ideal for confined space evacuation
- > The Evac Body Splint becomes rigid once wrapped around a casualty
- > Padded shoulder straps provide extra support and protection for the casualty
- > Fitted with foot supports, which can be lifted vertically or horizontally
- > Flexible polypropylene rolls up to enable easy transportation and storage

PART NO.	DESCRIPTION
1007046	Flexible Polypropylene Evac Body Splint

## Escape Master



- > The Escape Master is a descent device which is fitted onto the side of an elevated working platform
- > Contains Kernmantle rope and a descender for quick and easy descent from the working platform in case of an emergency
- > Descent can be easily controlled by user or person on the ground
- > Reusable, shatter-proof highly visible load density polyethylene deployment container with high impact resistance
- > Smooth easy to clean surface
- > Quick connect pin on box lid for easy set up
- > For single person use

PART NO.	DESCRIPTION
M1030018	Escape Master with 15m Rope
M1030017	Escape Master with 20m Rope
M1030016	Escape Master with 25m Rope
M1030015	Box only



# Engineered Solutions

When safety and productivity are on the line, there is no room for compromise. That's why architects and engineers have trusted Söll Fall Protection products from Miller® for more than three decades.



## Söll Xenon

- > Söll Xenon Horizontal Lifeline System



Page 70

## Söll MultiRail

- > Söll MultiRail Horizontal Lifeline System



Page 72

## Söll GlideLoc®

- > Söll GlideLoc® Horizontal and Vertical Lifeline System



Page 74

## Söll Vi-Go

- > Söll Vi-Go Vertical Cable System



Page 76

# Engineered Solutions

**Miller® is the leading manufacturer of permanent horizontal and vertical fall protection systems.**

## Standards

Söll GlideLoc®, Söll Xenon and Söll MultiRail Systems, offer permanent solutions for vertical climbing and horizontal access. Söll GlideLoc® Systems conform to EN353-1 and Söll MultiRail and Söll Xenon Systems conform to EN 795 Class C.

Part 3 of AS/NZS 1981 stipulates the acceptance of using material supplied from overseas that complies with EN 353-1, EN 353-2, and EN 360, in Australia and New Zealand.

Part 4 of the AS/NZS 1891 Standard covers the general requirements and recommendations for safe working at heights. This part of the AS/NZS standard also outlines the need for a 12 month inspection interval for all vertical and horizontal lifelines and rail systems. It also indicates the need for inspection on all fall arrest devices used in conjunction with the system.

## Safety First

International design, safety standards and regulations require employers and designers to consider the avoidance or reduction of a foreseeable risk to any person working at height.

From engineering through to construction and tower management, a permanent height access system allows for heavy usage, year after year with minimal maintenance, while offering increased safety and improving user comfort. There are a large number of rules and regulations which oblige companies to take suitable protective measures against falls (health and safety rules, workplace regulations, work association rules and regulations, etc.). Equipment preventing people from falling must be present at all workplaces and on walkways at which there is a risk of falling from heights of more than 2 metres.

On the following pages we present the various systems for protecting against falls, their components and their areas of application in more detail.

Most approved systems look good on paper, and achieve an acceptable level of safety, but there are important differences in design and application. To be sure you choose the best system you need to evaluate the features, function, ease of use, durability, maintenance, time, cost and long term value.

## System Types

### Söll GlideLoc® System

The Söll GlideLoc® Safe Climbing system includes fall protection ladders, guide rails, and guided type fall arresters. System accessories such as entry and exit devices, roof ascent or shaft entry equipment make it possible to design a system that is not only appropriate for the structure of the building or installation, but which also satisfies the very highest safety requirements with 100% connection to offset ladders with intermediate platforms.

#### These fall protection and anchorage devices are used in:

- Telecommunications
- Radio and TV masts
- Construction
- Power supply and hydro-electric installations
- Wind power facilities
- Chimney and industrial plants
- Buildings and facades
- Petrochemical plants
- On-shore and off-shore oil rigs
- Ship-building
- Crane installations
- Shafts and manholes
- Aircraft hangars and for loading/unloading vehicles

## Söll MultiRail System

Söll MultiRail is a rail-based horizontal anchorage device that is EN 795 - Class D Compliant. Shuttles follow the user along the rail smoothly and when used in conjunction with the rail they provide security when working at height.

Söll MultiRail can be installed along the entire falling zone. They offer the advantage of greater fixing spans and higher number of simultaneous users compared with other rail systems.

## Söll Xenon Horizontal LifeLine

The Söll Xenon Horizontal LifeLine is an anchorage device incorporating a flexible wire cable. The principal components of the system are: shuttles, shock absorbers, intermediate anchors and end anchors.

The Söll Xenon Horizontal LifeLine System can provide the perfect safety solution for installation, maintenance and cleaning work at height. It can be used in industrial plants, on roofs, on cranes and over vehicles where horizontal access is required.

All key components are made from high-quality stainless steel.

## Söll Vi-Go Vertical Arrest System

Söll Vi-Go is a fall protection system that can be retrofitted onto existing climbing devices such as ladders or rungs used in wind turbines, telecommunication or other industries with on-site ladders.

The Söll Vi-Go System consisting of steel cable (three different types), fastening elements and a revolutionary guided type fall arrester provides a safe and cost effective solution for ladder safety.

The Söll Vi-Go shuttle is quick and easy to use, offering single handed operation and features a built-in energy absorber.





## Söll Xenon

Horizontal anchorage devices incorporating a flexible wire cable providing a safety solution for installation, maintenance and cleaning at height.



The Söll Xenon Horizontal Lifeline System is a high quality, durable system made of corrosion resistant stainless steel and is ideally suitable for working on crane runways, loading bays and roofs.

The system doubles as an anchorage point to easily rescue fallen workers ensuring that structural damage is prevented.

The system incorporates a unique, state-of-the-art shock absorber which uses patented Miller® “force-dispersal technology” to provide fall protection for up to seven workers across a maximum span of 20m depending on the line configuration.

The system is the perfect safety solution for installation work, maintenance or cleaning and can be used on crane runways, in loading bays and on roofs. It is a robust system that can be used in environments ranging from -50 degrees centigrade to +120 degrees centigrade.

The Söll Xenon System is an anchorage device comprising of 8mm steel cable, shuttles, shock absorbers, intermediate anchors and end anchors.

It is a low-cost, easy to install and durable solution.



## Söll Xenon Components

> Variety of components to tailor the Söll Xenon System to your safety requirements



PART NO.	DESCRIPTION
<b>SHUTTLE - STANDARD</b>	
1005709	The Söll Xenon shuttle self-aligns for smooth pass-through of intermediate brackets. A double-locking mechanism ensures security, yet allows for easy, one-hand operation. With no moving pass-through parts, the shuttle is ideal for dusty, gritty or salty environments. Self-aligns for smooth automatic pass-through of intermediate brackets dual-locking mechanism for added safety.
<b>SHUTTLE - OVERHEAD</b>	
26940	The overhead shuttle has integrated wheel protection repels debris and safeguards against shocks when multiple users are on the line. The roller bearings withstand constant heavy load allowing for use with self retracting lifelines up to 20kg.
<b>UNIVERSAL INTERMEDIATE BRACKET (316 SS)</b>	
1010609	The automatic pass-through design allows for smooth passage of the Söll Xenon shuttle providing 100% connection to the system. The single-bolt design and easy-to-remove cable holder guide simplifies installation and maintenance. In the event of a load impact or fall, individual brackets can be replaced without disassembling or replacing the original wire cable. Available in adjustable or fixed-position styles for maximum versatility. Minimum fixing span 1.5m and maximum fixing span 15m.
1006062	Corner Unit 90 degree 8mm
1006294	Bending Kit 8mm
<b>OVERHEAD INTERMEDIATE</b>	
1031701	Automatic pass-through bracket allows easy passage of Söll Xenon shuttle for 100% connection to the system. Can be configured as free floating or locked. Brackets can be attached to a fitted cable to allow for easy replacement.
<b>ENERGY ABSORBERS</b>	
26266	Swaged 8mm The four-in-one shock absorber incorporates a tension indicator, a cable tensioner, a state-of-the-art energy absorber and a fall indicator. Only one device is necessary for all installations, whether it is overhead or a standard installation. The device is available with or without swages to suit.
26267	Swageless 8mm
26268	With Eyebolt 8mm
<b>SWAGELESS END TERMINATION 8MM</b>	
1013720	Stainless Steel end anchors and swages allow easy installation of the system without compromising cable strength and integrity. Designed to accommodate a different swaging method. Swageless components also available. End swages with or without integrated tensioner.
<b>END ANCHOR POINTS</b>	
1010550	End Termination with Tensioner 8mm
1010891	Single attachment end anchorage rings for use with Söll Xenon posts. Available in different M12 and M16 versions.
1006178	End Anchor. Stainless steel plates anchor the system without compromising system integrity.
<b>INTERFIX</b>	
24745	300-400mm
24747	300-400mm – Pack of 6
24746	400-500mm
24748	400-500mm – Pack of 6
24863	Eye Kit for Single Anchorage Point
24861	Anchor Kit
Interfix is a subsystem that can be used with Söll Xenon Lifelines to create an anchor point.	
<b>ACCESSORIES</b>	
M1030020	I.D Plate Aluminium

# Söll MultiRail

A Söll MultiRail system can be installed along the entire unprotected work area, offering greater safety.

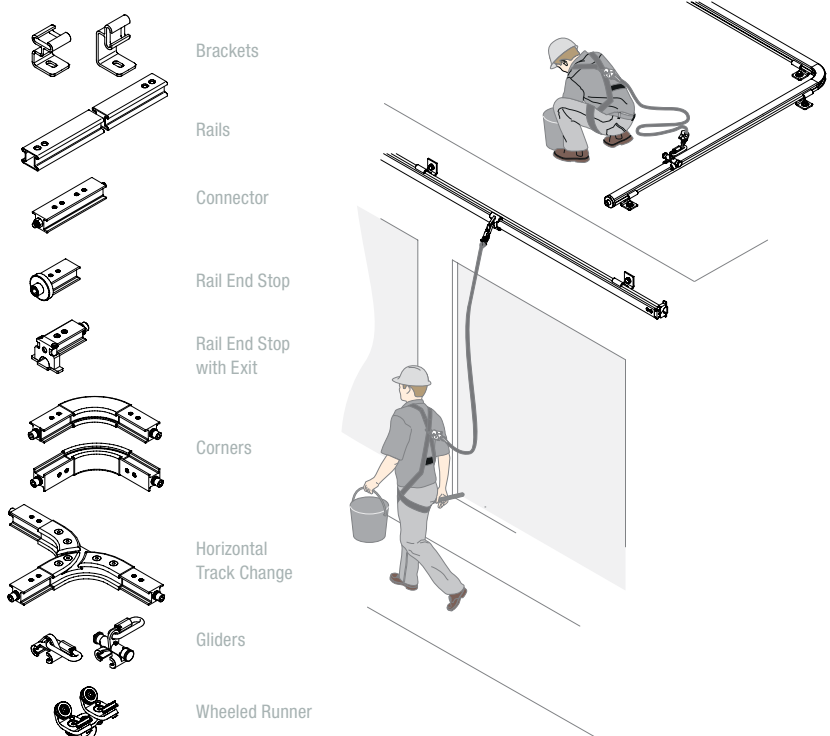


Söll MultiRail can be installed along the entire unprotected work area offering greater safety.

While anchorage points restrict the users ability to the length of the lanyard, Söll MultiRail provides the advantage of greater fixing distances (up to 6m) and can be used by up to 6 workers simultaneously.

The system allows installation at foot level, wall or overhead and is available with three different types of gliders to suit any application.

Söll MultiRail is easy to install with minimal components. A floating rail design allows for thermal expansion and minimum impact transmission to the structure in the event of a fall. Pre-constructed corner sections allow the system to be easily customised to a structure. Made from stainless steel the ultra robust Söll MultiRail is suited to the toughest environmental conditions and is now also available in aluminium.





## Söll MultiRail Components



19146



17861



17404



17489

17112

21031



20449



17331



17330



17332



17407



17792



24168

### PART NO. DESCRIPTION

#### HORIZONTAL RAIL

Available in fixed lengths of 6m. Pre-drilled for easy insertion of end stops or connectors for additional lengths.

**19146** Pickled stainless steel

**26858** Aluminium

#### RAIL END STOP WITH EXIT

Serves as an end anchorage and can be opened to remove the glider.

**17861** Pickled stainless steel and anodised aluminium

**26916** Aluminium

#### RAIL END STOP WITHOUT EXIT

Serves as an end anchorage to prevent the glider from running out unintentionally.

**17404** Pickled stainless steel and anodised aluminium

**26886** Aluminium

#### RAIL SUPPORTS (FOR USE WITH STAINLESS STEEL AND ALUMINIUM RAILS)

Made of pickled stainless steel with Teflon inserts. The rail glides smoothly in the brackets and is not subject to any constraint.

**17489** Bracket fixes parallel to rail

**17112** Bracket fixes 90° to rail

**21031** Special bracket with teflon inserts

#### HORIZONTAL TRACK CHANGE

T-Junction allows several rail systems to be connected and used seamlessly

**20449** Stainless Steel

**26903** Aluminium

#### CORNERS FOR UPWARDS AND SIDEWARDS ORIENTATIONS

**17331** Horizontal Bend 90° – For Stainless Rails

**27058** Horizontal Bend 90° – For Aluminium Rails

**27060** Stainless Steel vertical bend – for use with aluminium rail

Vertical Bend components allow the rail to follow the profile of the building. The radius is 80 mm with a standard angle of 90°. Other angles between 30° and 150° are available on request.

**17330** Aluminium vertical bend – for use with stainless steel rail

Vertical Bend components allow the rail to follow the profile of the building. The radius is 80 mm with a standard angle of 90°. Other angles between 30° and 150° are available on request.

#### CONNECTOR

Coupling part to connect individual rail sections.

**17332** Stainless Steel – for use with aluminium rail

**26863** Aluminium – for use with stainless steel rail

#### CLOSED GLIDER (FOR USE WITH STAINLESS STEEL AND ALUMINIUM RAILS)

**17407** Made of pickled stainless steel with polyamide inlays, it is also fitted with a stainless steel connector. As wheels are not necessary, it is dirt-resistant as well as very light, only 400g. It can be removed from the system at the end-stop with exit sections or remain permanently on the rail.

#### OPENABLE GLIDER (FOR USE WITH STAINLESS STEEL AND ALUMINIUM RAILS)

**17792** Made of pickled stainless steel with polyamide inlays, it is also fitted with a stainless steel connector. By means of an easy to use opening and closing mechanism, it can be removed or attached anywhere along the rail offering more flexibility to the user during his work. Also it is very light, just 600g.

#### NEW WHEELED RUNNER (FOR USE WITH STAINLESS STEEL AND ALUMINIUM RAILS)

**24168** Made from pickled stainless steel with 4 load-bearing wheels and a swivelling stainless steel eye. This runner may only be used for overhead applications. The runner can pass horizontal curves. It can be used with a retractable type fall arrestor, increasing the size of the protected work area. For use where the user works beneath the Söll MultiRail System at varying heights.

#### ACCESSORIES

**25904** I.D Plate Aluminium

# Söll GlideLoc® Height Access System

A permanent fall protection climbing system providing hands-free operation for productivity, safety and reduced fatigue.

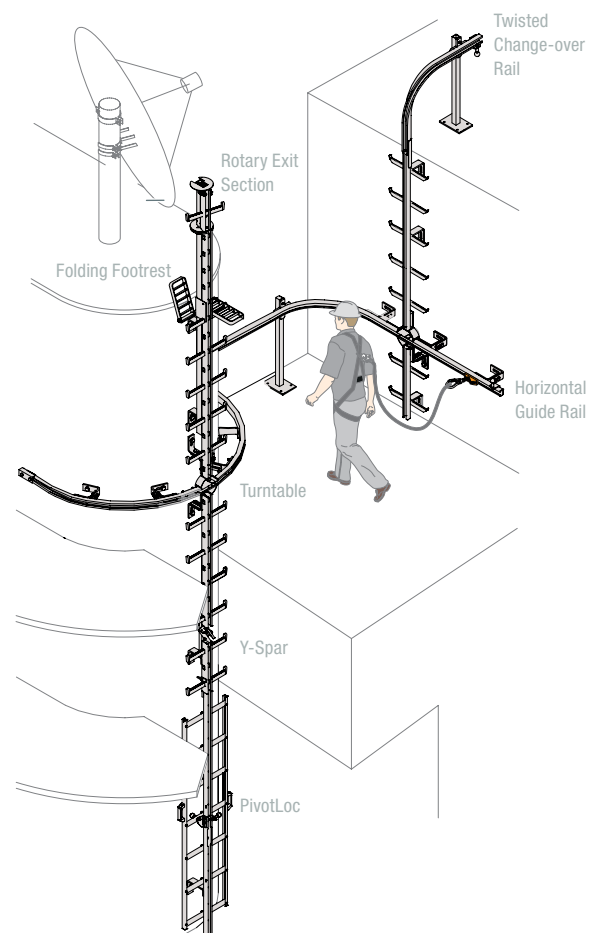


Söll GlideLoc® Vertical Height Access Ladder Systems provide an innovative solution for vertical climbing that is easy-to-use, requires minimal maintenance and provides superior safety.

Kits are available in aluminium, galvanised or stainless steel construction with a wide range of components to suit various applications.

The easy-climb Söll GlideLoc® System allows safe hands-free climbing that ultimately increases worker mobility, safety and productivity. The system is engineered for smooth operation to ascend or descend.

Söll GlideLoc® System is available in easy to order and install "do-it-yourself" kits.



## Söll GlideLoc® Components

- > Components to tailor the Söll GlideLoc® System to your safety requirements.  
Only a small selection of the available components are listed below.



14726

PART NO.	DESCRIPTION
<b>Y-SPAR LADDER</b>	
10672	Galvanised 4.48m
14726	Aluminium 4.48m

Simple, cost-effective and versatile safety ladder. The low surface area keeps wind loads applied to the sub-structure to a minimum. Y-spar ladders are also available with perforated rungs for applications in dirty environments.

### TWIN LADDER

14647 Stainless Steel 3m

The operator can glide his hands along the side rails when ascending without having to hold onto the rungs. Ideal for dirty environments. Twin Ladders offer high distortion resistance.

### TOP & BOTTOM END-STOP

21049 Spring activated bottom end stop

21050 Spring activated top end stop

The spring activated top & bottom end-stops prevent the fall arrestor from either being inserted incorrectly or accidentally slipping out of the guide-rail.

11634 Rigid End Stop Stainless Steel

Rigid End-Stop prevents fall arrestor being removed from the very top ladder section.

### GUIDE RAILS

Guide rails can be assembled onto pre-installed ladders and step irons and can be mounted in the middle or side of an existing ladder

14614 Guide Rail galvanised steel 4.48m

11577 Guide Rail stainless steel 4.48m

14664 Guide Rail Anodised aluminium 4.48m.

### TURNTABLE

11607 Bending radius >1000mm

Turntables allow safe continuous transfer from a point in a vertical system onto a point in a horizontal system and vice versa. It is also possible to continue through the turntable without transferring.

22322 Ho-ver turntable

The cost-effective Ho-Ver turntable allows transfer from the end of a vertical system to the end of a horizontal system and vice versa.

### FOLDING FOOTRESTS

23722

Footrests must be provided at regular intervals in case of long ascent routes. They provide a rest platform that can be folded easily and discreetly. It allows better ergonomics with increased safety.



21049 &amp; 21050



14614



11607



22322



23722

### PIVOTLOC

23418 Aluminium Section - 2.90m

23193 Aluminium Ladder Base - 2.28m

A foldable ladder section for restricted access. Can be closed when not in use, preventing unwanted access, and locked to prevent accidental closure when in use. Side rails provide additional support.

### PIVOTING ROOF EXIT

16666 Rotary Exit Section

Climbers can safely access and egress the top of the guide rail while standing on the upper platform.

### TWISTED CHANGE-OVER RAIL

16315 Galvanised

22311 Stainless Steel

Allows a climber to transfer onto a horizontal guide rail and move safely onto a roof or a platform at least 1 metre away from the edge before disconnecting from the system.

### EXIT SECTION

11317 Exit section galvanised steel

A climber can detach the fall arrestor from the rail after ascending and insert it into the rail before descending at a mid-point.

### SHAFT ENTERING DEVICE

17065 Stainless Steel

16191 Female coupling Stainless Steel

For safe entry into manholes. This device can be moved from one manhole ladder to another.

### BRACKETS

10521 Anodised Aluminium

18363 Guide rail clamp for 35-70mm rungs

14673 Stand off bracket 150mm

16629 Weld on bracket 150mm

11102 Bracket for use between steps

17509 Support strut 1.35m

Apart from a wide range of standard brackets, customisation at short notice is on offer.

### FALL ARRESTORS

22697 Comfort Fall Arrestor

Ensures complete safety during any ascent or descent. The stainless steel cam locks onto the rail in the event of a fall. The unique deformable structure absorbs most of the impact energy of a falling person, thus reducing fall arrest forces to an extraordinary level of just 3.7kN.

25805 Universal II Fall Arrestor

Universal II can be inserted or removed at any point of the guide-rail.

### ACCESSORIES

19876 I.D Plate



PivotLoc

16666

Pivoting  
Roof Exit

16315



11317



17065



10521



14673



22697



## Söll Vi-Go

Retrofits onto existing climbing devices such as ladders or rungs. Easy to use and install as there are minimal components to make up a complete system.



Söll Vi-Go is a fall protection system that can be retrofitted onto existing climbing devices such as ladders or rungs. It is designed for use in wind turbines, power supply, telecommunication, utilities, oil rigs, shafts and manholes.

Made up of a steel rope or cable, fastening elements and a revolutionary guided-type fall arrestor the system can support up to 8 workers.

### Versatile System

Do-it-yourself kits for easy installation and inspection.

Option to cut cable lengths for greater versatility.

Uniquely designed cable sleeve automatically bypasses intermediate cable guides keeping both hands free for climbing. It travels smoothly along the cable and locks instantly in the event of a fall.

Easy one handed operation for attachment and detachment from the system.

### Stainless steel or galvanised steel

Furthermore, the selection of system components made of galvanised or stainless steel can help in cutting costs or adapting the system to severe environmental conditions.

Rung Clamp 1017382

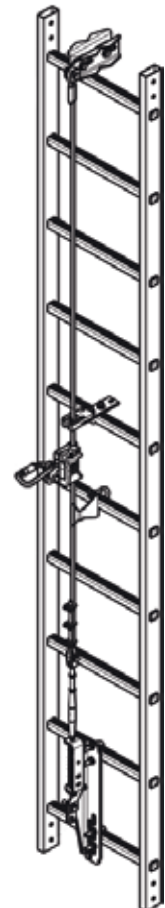
Intermediate Bracket  
1017370

Shuttle 1017271

Closed Tube Bracket  
25850

Cable Tensioner  
1017380

Rung Clamp  
1017384



## Söll Vi-Go Components

> Variety of components to tailor the Söll Vi-Go System to your safety requirements



1017271



1017380



1017370



25850

25851



1009509



1017382



1017384

25051

PART NO.	DESCRIPTION
<b>SHUTTLES (STAINLESS STEEL)</b>	

**1017271** Söll Vi-Go Shuttle

**1017681** Söll Vi-Go Swivel Shuttle

Made from Stainless Steel these durable energy absorbers ensure safety and require minimum maintenance. Repairs are easy and inexpensive.

### STEEL CABLE

**M1030110** Cable 8 mm, 7 x 19, galvanised

### CABLE TENSIONER

**1017380** Galvanised

**1028710** Stainless Steel

Three functions are integrated in it. It is a: tensioner, tension indicator and expansion compensator. It is easy to install and can compensate the movements of the structure.

### BRACKETS

**1017370** Manual Bracket Galvanised

Intermediate brackets hold the cable in position and prevent it from moving excessively in the breeze.

**1017375** Automatic Intermediate

Söll Vi-Go shuttles can pass through automatic brackets without manual help. The bracket must be installed by passing the cable through it. Main advantages are user comfort, quicker climbing and highest levels of safety.

**25850** Closed Tube Intermediate

**25851** Slotted Tube Intermediate

### TERMINATION

**1017386** Swageless Termination 8mm – Swageless termination for quick installation

**1009509** Cable clamps for 8mm cables

### UNIVERSAL CLAMP

**1017382** Galvanised

**1017383** Stainless Steel

Clamp serves as cable fixing. Universal clamp can be fastened to pipe structures of various diameters as well as angular or flat steel profiles depending on the assembly.

### RUNG CLAMP

**1017384** Galvanised

**1017385** Stainless Steel

An alternative to the universal clamp; the cable can directly be fastened to the rungs of a ladder. It is also available in two different materials. Various elongated holes at varying distances from each other make it possible for the rung clamp to be mounted on the most ladders.

### ACCESSORIES

**1017388** I.D Plate

**25051** Söll Vi-Go Platform Exit Post with two clamps and one fastener set.

Can be used as a single anchorage point for one user and a maximum anchoring force of 22kN.

Fastener Set comprises: 1 off Machined Spacer, 1 off Set Screw, M12 x 50, 1 off Flat (large) Washer, M12, 3.0mm, 2 off Flat (std) Washer, M12, 2.5mm, 1 off Nyloc Nut, M12

# Fall Safety Inspection, maintenance and storage guide

All Fall Protection equipment needs to be inspected and serviced at the manufacturer's recommended intervals or as indicated in the table below – whichever is the lesser interval. The following summary is only a guide. Refer to AS/NZS 1891.4 for more details.

The life expectancy of any equipment is reduced if it has been used in harsh working environments. Consequently, inspections will need to be undertaken more frequently and at shorter intervals than those set out below.

Honeywell Safety Products Australia Pty Ltd also recommends that written records be maintained of any inspections that have been undertaken. All inspections should be carried out by a height safety equipment inspector (as described in the Australian and New Zealand Standard AS/NZS 1891.4 Inspection Maintenance and Storage).

The user or operator should inspect their equipment before and after every use to ensure that the item is in a serviceable condition.

Any equipment that has sustained a fall or appears defective during inspection must be withdrawn from service. Attach a label to the equipment stating the condition or defect and remove from service. A height safety equipment inspector or manufacturer must determine whether the equipment should be destroyed or repaired and put back into service.

## Product Inspection Intervals

All height safety inspections should be carried out by a height safety equipment inspector. Equipment should be inspected visually before and after use.

All inspections other than those undertaken by the user should be documented.

Please use the following table only as a guideline - refer to AS/NZS 1891.1 Section 9 for further information.

Anchorage Lines, Belts, Harnesses, Lanyards, Pole Straps, Roofer's Kits, Slings, Temporary Static Lines, and Webbing Tie-offs and any associated equipment should be checked in accordance with the manufacturer's instructions. Check the products for worn-out rope or webbing; check for broken stitches and for cracks or deformations. Also check the locking mechanisms of buckles, karabiners and hooks.

Fall Arrestors should be regularly inspected and cleaned of any contaminants like dirt and grit which could cause the unit to jam. Check that the free moving parts and the locking action of the fall arrestors are functioning properly. Check for signs of corrosion, cracks and distortion.

If you have any concerns about the product's ability to perform, please send the product back to the manufacturer for recertification.

Detailed checklists are available - contact Honeywell Safety Products for a copy.

PRODUCTS	MANUFACTURER'S SERVICING RECOMMENDATIONS	
	Inspected every 6 months	Inspected/ Serviced every 12 months
Anchorage Lines	•	
Belts	•	
Harnesses	•	
Lanyards	•	
Pole Straps	•	
Roofer's Kits	•	
Slings	•	
Temporary Static Lines	•	
Webbing Tie-offs	•	
Black Rhino™	*Recertification after 2 years	
Falcon™	*Recertification after 5 years	
ManHandler™		•
MightEvac™	*Recertification after 5 years	
MightyLite™	*Recertification after 5 years	
Scorpion™	•	
Turbolite™	•	
Altochute		•
Anchorage		•
Ascenders		•
Descenders		•
DuraHoist™		•
Escape Master		•
Söll GlideLoc®		•
Hooks		•
Karabiners		•
Kiblock		•
Manulinks™		•
MultiRail		•
QuickPick™		•
Rocker Rope Lock		•
Roof Anchors		•
Rope Adjusters		•
SafEscape™	*Recertification after 7 years	
SkyGrip™		•
Stretchers		•
Toggle Lok		•
Tripod		•
Tube nut connectors		•
Vi-Go		•
Xenon LifeLines		•

\* to be inspected every 12 months



# Index

<b>A</b>			
Accessories	53		
Adjustable Lanyard	35		
AirCore™ Harnesses	14		
AirCore™ Construction	16		
AirCore™ Rigger's	16		
AirCore™ Tower	17		
AirCore™ Tower-Worker with Soft Loops	17		
Altochute	47		
Amax.2 Miner's Rescue Harness	26		
Anchorage	44		
Anchorage Eye	48		
Anchor Grips™	48		
Anchorage Lines & Type 1 Fall Arrest Devices	46		
<b>B</b>			
Bandit Tool Strap	53		
Beam Anchor and Clamps	48		
Belts for Mining Industry	28		
Black Rhino™ Stainless Steel Wire Rope Type 2 Fall Arrest Device	40		
Bolt-through Anchorage Connector	49		
Bosun's Chair	64		
<b>C</b>			
Calculating Fall Distance	33		
Confined Space DuraFlex™ Harness	21		
Confined Space Polyester Harness	24		
Construction Polyester Harness	22		
Contractor Roof Worker Kit	29		
Contractor Value Plus Harness	23		
Contractor Value 2-Point Harness	23		
Cross Arm Sling	50		
<b>D</b>			
Davit System	62		
Descent Systems	64		
Dee Reversed Eye	50		
Duraclean Webbing Harnesses	26		
DuraHoist™ Confined Space System	57		
DuraHoist™ Portable System	55		
DuraSeal™ Self Retracting Lifeline	42		
<b>E</b>			
Elite.2 (Line worker) Harness	24		
Engineered Solutions	66		
Escape Master	65		
Evac Body Splint	65		
Explorer Miner's Equipment Belt	28		
Extender Hook	47		
<b>F</b>			
Falcon™ Type 2 Fall Arrest Device	38		
Fall Arrestors	38		
Fall Distance Calculation	33		
Fitting Instructions - Harnesses	12		
Fix Anchor Point	49		
Fixed Bolt Anchorage Connector	49		
Friction Bolt Anchor	48		
<b>G</b>			
GlideLoc® Söll Engineered Solution	74		
Glove & Barrier DuraFlex™ Harness	21		
<b>H</b>			
Harnesses	8		
Harnesses - AirCore	14		
Harnesses - Revolution™	18		
Harnesses - DuraFlex™	20		
Harnesses - Polyester	22		
Harnesses - Kevlar®	25		
Harnesses - Duraclean	26		
Harness Fitting Instructions	12		
Harness Kits	29		
Harness Webbing Types	10		
Hand Tool Strap	53		
Huntsman/Rescue Kit	61		
<b>I</b>			
Inspection, maintenance and storage guide	78		
<b>K</b>			
Karabiners – Triple Action, Screw-gate, Twist-lock, Pin-lock, Snap Hook			
Scaffold Hook, Tube nut	43		
Kernmantle Anchorage Lines	46		
Kernmantle Rope Lanyard	35		
Kevlar® Flame Retardant Lanyard	34		
Kiblock Fall Arrest Device	47		
KMAX.1 Welder's Cross-over Style Harness	25		
KMAX Welder's Vest Style Harness	25		
<b>L</b>			
Ladder Grip	49		
Lanyards	34		
Lanyards and Fall Arrestors	30		
Lanyard Materials	32		
Line Worker (Elite.2) Harness	24		
Lower Body Harness	27		
<b>M</b>			
Maintenance DuraFlex™ Harness	20		
Maintenance Polyester Harness	23		
Manhandler™ Winch	63		
Manulink™ Anchorage	48		
MightEvac™ Type 3 Fall Arrest Device	63		
MightyLite™ Fall Arrestor	42		
Miner's Equipment Belt	28		
MultiRail Söll Engineered Solution	72		
<b>P</b>			
Plastic Coated Wire Lanyard	37		
Pole Strap	37		
Polyester Anchorage Lines	46		
Polyester Webbing Lanyard	34		
Prospector Miner's Equipment Belt	28		
Pulley Block	63		
<b>Q</b>			
QuickPick™ Rescue Kit	60		
<b>R</b>			
Relief Step™	53		
Rescue Master	62		
Rescue Systems	60		
Revolution™ 2-Point Harness	18		
Revolution™ Tower Harness	19		
Revolution™ Vest Style Harness	19		
Rigger's DuraFlex™ Harness	20		
Rigger's Polyester Harness	24		
Rocker Rope Lock	47		
Roof Anchor	49		
Roof Clamp	49		
Roof Worker DuraFlex™ Harness	21		
Roof Worker Back-Pack Kit	29		
Roofer's Back-Pack Kit with Kernmantle Rope and Lanyard	29		
Roofer's Back-Pack Kit with Kernmantle Rope and Shock Pack	29		
Rope Adjuster	47		
Rope Temporary Static Line	52		
<b>S</b>			
SafEscape™ Rescue and Descent	58		
Scorpion™ Sharp Edge Type 2 Fall Arrest Device	41		
Scorpion™ Webbing Type 2 Fall Arrest Device	41		
Sharp Edge Lanyard	36		
Sharp Edge Anchorage Line	46		
SkyGrip™	51		
Söll GlideLoc® Engineered Solution	74		
Söll MultiRail Engineered Solution	72		
Söll Vi-Go Engineered Solution	76		
Söll Xenon Engineered Solution	70		
Sports Carry Bag	53		
Spreader Frame	64		
Stretchable Lanyard	35		
Stretchable Single Manyard®	34		
Surface Miner's Duraclean Harness	27		
<b>T</b>			
Temporary Static Lines	51		
Tie Back Lanyard	37		
Toggle Lok™	48		
Tower Worker Polyester Harness	25		
Tripod	62		
TurboLite™ Type 2 Fall Arrest Device	39		
TurboLite™ Edge Type 2 Fall Arrest Device	40		
<b>U</b>			
Underground Miner's Harness	26		
<b>V</b>			
Vertical Descent Unit	64		
Vi-Go Engineered Solution	76		
<b>W</b>			
Welder's Vest Style Harness	25		
Welder's Cross-over Style Harness	25		
Webbing Energy Absorber	37		
Webbing Temporary Static Line	52		
Webbing Tie-off Adaptor	50		
Webbing Types - Harnesses	10		
Weight Bag	50		
Wire Tie-off	50		
Work Positioning/Rope Access Polyester Harness	27		
<b>X</b>			
Xenon Söll Engineered Solution	70		