

FALL PROTECTION TOP SELLERS CATALOGUE.

2020



Honeywell
MILLER

Honeywell Industrial Safety

Fall protection

For over 75 years, Honeywell Miller products have been protecting workers at height in a wide range of industries and applications, including: construction, telecommunications, wind energy, transportation, general industry, utilities and more.

Honeywell Miller selected for you more than a hundred of our best-selling products, gathered in a unique Fall Protection catalogue, named "The Essentials". Availability of the fall protection products in this catalogue is within three days depending on the order quantity:

A - up to 50 units

B - up to 20 units

C - up to 5 units

The product classification can be found on pages 52-57 of this catalogue.

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I Honeywell Miller...
Synonymous with Safety, Quality,
Reliability and Innovation.

FALL PROTECTION

European legislation states that fall protection measures must be put in place by the employer of any person working at a height where a fall hazard exists. The regulation also requires that people involved in work at height are competent to do so or if in training, are supervised by a competent person. If it is not feasible to eliminate the hazard using a collective system then personal protective equipment (PPE) must be selected and used. It could be for restraint, work positioning, rescue or fall arrest purposes. This system consists of a full body harness, an intermediate attachment and an anchorage connector. The systems can only be used if a suitable anchorage point is located close to the work area.

Honeywell Miller products are designed and tested by full-time, qualified engineers and technicians at a state-of-the-art, in-house testing facility, which not only verifies that specific standards are achieved but often tests beyond the standards to assure the ultimate in safety performance. In addition, all Honeywell Miller products are third-party tested by independent sources to further certify compliance. Honeywell Industrial Safety has successfully earned and continues to retain ISO 9001 certification at its manufacturing facilities. Honeywell Miller has undergone the most stringent requirements for design and development, production and service, proof of our unwavering and ongoing commitment to consistent quality products and services.

Honeywell Miller products are developed in collaboration with workers to fit to their need to provide innovative solutions.

With our goal of being your comprehensive problem-solving provider, we are committed to meet your fall protection needs with innovative safety solutions mixing products and services such as training, hazards identification and tailor made products.

With sales offices and training centres throughout the world, Honeywell Miller is supported at a local level by our highly trained field sales force and dedicated technical support and customer service resources assuring reliable solutions to the most complex and technical requests.



Fall protection standards

EN 341	Descenders
EN 353-1	Guided Type Fall Arresters Rigid Anchorage Line and Rails
EN 353-2	Guided Type Fall Arresters Flexible Anchorage Line
EN 354	Lanyards
EN 355	Shock Absorbers
EN 358	Work Positioning Systems
EN 360	Retractable Type Fall Arresters
EN 361	Full Body Harness
EN 362	Connectors
EN 363	Fall Arrest Systems
EN 795(b)	Anchorage Devices – Class B
EN 813	Sit Harness
EN 12841/C	Rope Access Systems: Back-up Devices

HARNESS TYPE	EUROPEAN STANDARD	WORK RESTRAINT	WORK POSITIONING	FALL ARREST	WORK IN SUSPENSION	TO RESCUE
Work Positioning Belt	EN 358	ok	ok	-	-	-
Full Body Harness	EN 361	ok	-	ok	-	-
Full Body Harness	EN 361/ EN 358	ok	ok	ok	-	ok
Multifunction Full Body Harness	EN 358/ EN 813 EN 361	ok	ok	ok	ok	ok

WORKING AT HEIGHT CATEGORIES

Your working at height environment reflects the equipment that must be used. The categories summarised below have been defined by European Standards and are used as the base for work at height operations.

FALL ARREST

Equipment used to stop falling worker in the event of a fall from height.

Typical Fall Arrest System consists of:

- Anchor devices.
- Full body harness.
- Connecting devices.

RESCUE

Rescue & Evacuation of an injured high access worker is mandatory consideration for work at height operations.

Typical Rescue System consists of:

- Rescue & evacuation device.

WORK POSITIONING*

Equipment holding an operator in their place of work, allowing a hands free work environment.

Typical Work Positioning System consists of:

- Anchor devices.
- Full body harness with a positioning belt.
- Connecting devices (work-positioning lanyard).

WORK IN SUSPENSION*

Designed to lower and support a worker, allowing a hands free work environment.

Typical Suspension System consists of:

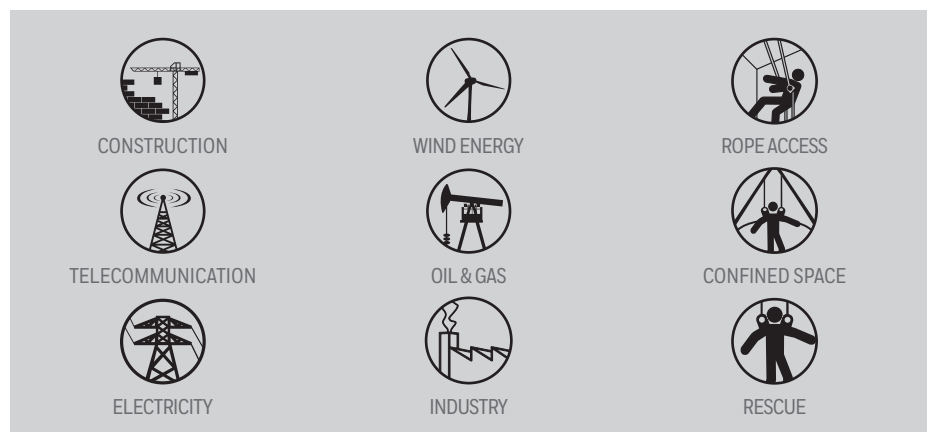
- Anchor devices.
- Full body harness.
- 2 ropes: 1 equipped with a descender, 1 equipped with a rope grab.

WORK RESTRAINT

Equipment used to prevent the workers from approaching a position from which they can fall.

Typical Work Restraint System consists of:

- Anchor devices.
- Work restraint belt or full body harness.
- Connecting devices (restraint lanyard).



* The positioning and suspension systems are not designed for Fall Arrest. A back-up Fall Arrest system must be used.

Introduction to fall protection basics



THE ABCs

A simple way of remembering the core components of a fall arrest system is the “ABC” of Fall Arrest. Quite simply, without one part, the system does not work.

(A) ANCHOR DEVICES

Definition: Used to join the connecting device (work restraint, fall arrester) to the anchorage, commonly referred to as the “tie-off point” (I-beam, scaffolding, or other structural point).

Anchor devices may be one of the two types:

- Permanent anchor devices (e.g. horizontal cable lifeline, horizontal rail systems...).
- Temporary anchor devices (e.g. steel strops, scaffold hooks, webbing anchorage slings, beam grips, and dead-weight anchor...).

(B) FULL BODY HARNESS

Definition: Used to hold a worker during & after a fall.

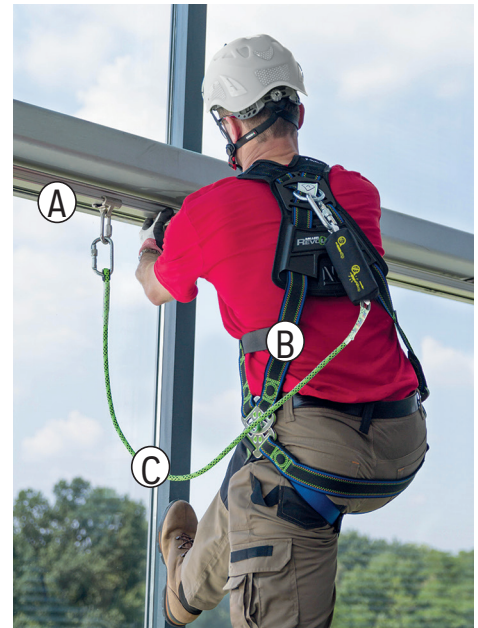
- Full body harness must be worn for Fall Arrest situations.
- Work restraint belts cannot be used for Fall Arrest.

(C) CONNECTING DEVICES

Definition: Used as intermediate attachment to connect the worker's harness to the anchor device (e.g. shock absorbing lanyard, self retracting lifeline, fall limiter, rope grab etc.).

Connecting devices may be one of the two types:

- Fall Restraint: a fall restraint system prevents workers from reaching a hazard.
- Fall Arrest: a fall arrest system allows workers to reach a hazard and then protects them if they should fall.



LIFE CYCLE OF FALL PROTECTION EQUIPMENT

Please consult for detailed information the dedicated product user manual.

A. For our products made of mainly textiles (harnesses, lanyards, SRL with webbing¹)

The maximum life cycle is ten years from the date of production except in cases where environmental factors² and special conditions of use³ for fall protection equipment apply. An annual inspection done by a competent person⁴ (trained for PPE inspections) is mandatory.

B. For our products made up mainly of metal (cable SRL, karabiners, tripod)

We do not indicate a life cycle for our products made up mainly of metal. It is unlimited, under condition the product undergoes regular maintenance during the yearly inspection carried out by a competent person. In case of doubt or damage, the device has to be sent for expert inspection/repair at a local Honeywell Service Centre or the factory. For products not subject to maintenance (non workable), the life cycle is a maximum of ten years^{2,3}.

1. Except for Miller Falcon 6 m webbing and Scorpion Edge : Replacement of the webbing kit is every 5 years from date of manufacture.
2. Contact with chemical products, poor storage conditions, exposure to strong sources of heat (> 50°C), to ultraviolet (UV) radiation, harsh abrasion, etc...
3. Product deterioration, activation due to a fall, mechanical fault, premature wearing, intensity of use. In all cases, our products must be inspected once a year.
4. A person who has successfully completed an inspection course and who currently holds a valid inspection certificate.

In all cases, our products must be checked once a year.

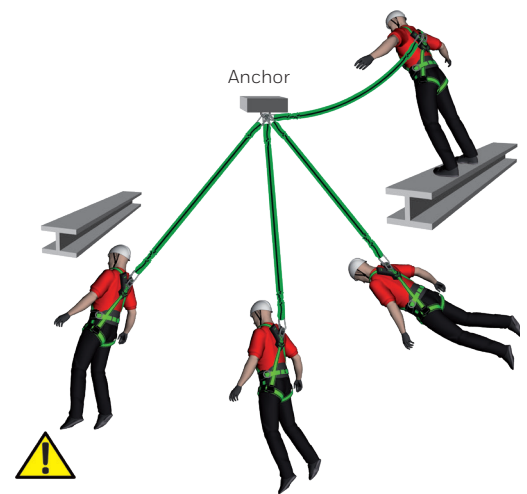
Understand your fall factors to reduce the risks!

Getting to grips with the work hazards!

There are three fall factors in fall arrest that relate to the position of the anchorage point. They are used to determine the potential fall distance of a worker and so ensure that there is no risk of contact with the lower level in the event of a fall. When possible, the worker should always use an anchorage point at shoulder level or above (Factor 1 or 0). A higher anchorage point will reduce the fall distance and therefore significantly reduce the risk of injury on the body due to the impact forces of a fall.

THE PENDULUM EFFECT

When the lifeline is not anchored vertically over the work place, the worker will pendulum in the event of a fall and may be injured by hitting the ground or an obstacle to the side. If it is not possible to use an anchorage point close to the work station, two anchorage points either side of the worker can be used to prevent any swing.



FALL CLEARANCE CALCULATIONS

This is the distance a person will fall when connected to a fall arrest attachment point. It is related to the Fall Factors (see Fall Factor). Many situations can develop and it is ultimately the responsibility of the worker to ensure that there is a suitable fall clearance available. In order to calculate this, the worker must know the distances specified below, and it is also strongly recommended they attend a Honeywell Miller Fall protection training course.

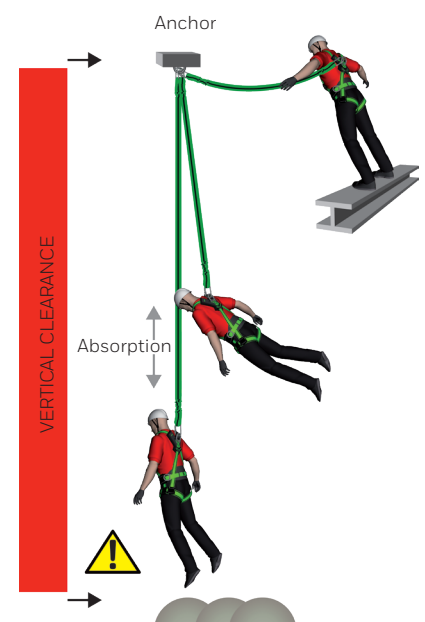
The calculation below gives the minimum vertical clearance required between the anchorage point of the lanyard and the lower level.

- + Length of lanyard
- + Fully activated energy absorber
- + Body height from feet to harness attachment
- + Additional safety clearance

Examples :

Calculations using the following length lanyards are as follows:

- 2 m lanyard: 2 m (lanyard length) + 1.75 m (energy absorber) + 2 m (body height) + 1 m safety = 6.75 m
- 1.5 m lanyard: 1.5 m (lanyard length) + 1.5 m (energy absorber) + 2 m (body height) + 1 m safety = 6 m

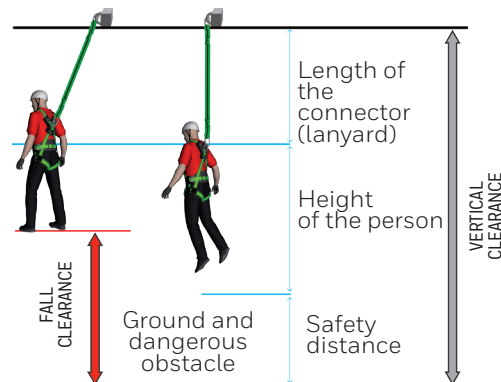


Understand your fall factors to reduce the risks!



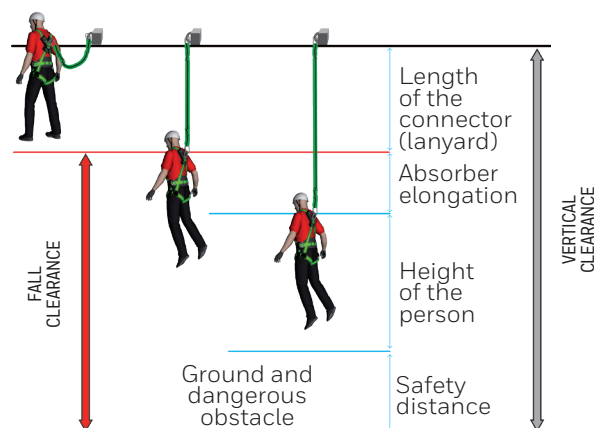
FALL FACTOR 0

Anchorage is overhead and the lanyard is taut between the anchorage point and the worker. The fall clearance is reduced as shown.



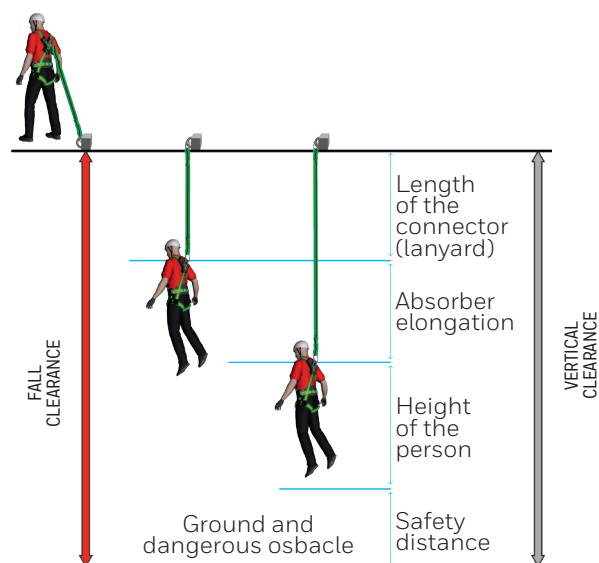
FALL FACTOR 1

Anchor point is level or above the harness attachment point allowing a fall equivalent to the length of the lanyard before the energy absorber deploys to arrest the fall.



FALL FACTOR 2

Anchor point is at or below the feet of the worker allowing a fall equivalent to twice the length of the lanyard before the energy absorber deploys to arrest the fall.



IF IN DOUBT: FALL LIMITERS REDUCE FALL CLEARANCE < 3 M

A fall limiter or self retracting lifeline will stop a fall in centimetres and is therefore the ideal solution for low-level work where a shock-absorbing lanyard is unable to stop the worker from hitting an obstacle below.



Harnesses

| Honeywell Miller harness features

Harness types

5 harness types

- 1-point harness: fitted with a dorsal fall arrest attachment (usually a D-ring)
- 2-point harness: fitted with a dorsal (usually a D-ring) and a sternal fall arrest attachment (either via 2 web loops or a single D-ring)
- Work positioning harness: fitted with either 1 or 2 fall arrest attachments as described above, and a work positioning belt (with side Ds)
- Suspension harness: fitted with either 1 or 2 fall arrest attachments and a work positioning belt as described above, and a ventral point for suspension.
- Belly point harness: fitted with either 1 or 2 fall arrest attachments and a work positioning belt as described above, and a belly point only valid to be used as a fall arrest in connection with a shuttle certified EN353-1.

Attachment points

3 attachment point types **Fall arrest** attachment point
(can be dorsal or dorsal+sternal)



Work positioning attachment point (side Ds) –
not suitable for fall arrest



Suspension attachment point (ventral point) –
not suitable for fall arrest



Adjustment Buckles

Mating Buckle To connect the mating 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 For belt, waist and leg straps interlock for quick easy donning and feature a dual-tab release mechanism to prevent accidental opening.

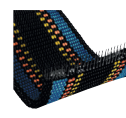


Cam Buckle The locking tabs of the cam buckle trap the webbing to prevent unintentional slippage. Lift the locking tab for easy, one-hand adjustment/release. Promotes proper snug fit, will not slip or misadjust.



Webbing

DuraFlex® Webbing Elastomer webbing specially formulated to stretch with the user's movements so there is no bunching or binding.



Water-repellent Webbing For longer life-span of the product. Used for H-Design range.

Fall arrest harnesses



Fall Protection is about protecting people who are working at height. Falls from height are the second most common cause of accidents in the work place and cost significant amounts every year to employers. The purpose of a fall arrest system is to safely stop a fall from height and to hold the worker until he can be recovered. A full body harness that conforms to EN 361 is the form of body wear used in fall arrest applications.

MILLER REVOLUTION™ COMFORT R2



Quick fitting harness with unique innovations

2-point - Dorsal D-ring and front attachment loops

FEATURES & BENEFITS

Benefits: Conforms to users movements

- Rotating PivotLink connections at waist level.
- Full freedom of movement.
- Integrated accessories system.
- Custom identification labels.

Features: Turning point in design

- Elasticated DuraFlex® webbing.
- ErgoArmor™ padded back shield.
- Quick fixing Cam buckles for easy fit.
- Quick connect buckles at chest & leg.
- Web finials to store spare webbing.
- Self-contained label pack.
- Certified for use for 140 kg.

Back ErgoArmor
padding



Cam buckle



Duraflex webbing



Pivotlink



SIZE SELECTION GUIDE



Weight (in kg)

	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90	90-95	95-100	100-105	105-110	110-115	115-120	120-125	125-130	130-135	135-140
160-165	Size S/M																			
165-170																				
170-175																				
175-180	Size L/XL																			
180-185																				
185-190																				
190-195																				
195-200																				

Size XXL

REF.	DESCRIPTION	SIZE
1014236	DuraFlex® stretch webbing	S/M
1014237	DuraFlex® stretch webbing	L/XL

Conforms to EN 361

Fall arrest harnesses

MILLER H-DESIGN® HARNESS



A new feeling of safety at height - the H-Design harness is available with either DuraFlex stretch webbing or standard webbing.

FEATURES & BENEFITS

Benefits:

- Freedom of movement.
- Greater comfort.
- Easy to put on and quick to connect.
- More safety: avoids the worker to tilt sideways.
- Easy inspection.
- Better traceability.
- Greater durability.

Features:

- Exclusive and innovative harness structure in 'H':
 - Ergonomically placed webbing.
 - Horizontal leg straps.
- Unique top-down front adjustment.
- Adjustable chest strap.
- Accessible back D-ring due to its bended position.
- Unique patented sternal D-ring with automatic centering in case of a fall.
- Highly visible stitches.
- Front and back fall indicators.
- 10 year inspection chart & user name label.
- Protected webbing: water repellent and stain free.

Well positioned buckles for an accurate adjustment



Protected abels for improved traceability



Large opening on both sides of the harness (no crosspiece) to increase the freedom of movement



Water repellent webbing for more longevity of the product



Horizontal leg straps for better comfort at work

Certified at 140 kg

SIZE SELECTION GUIDE

		Weight (in KG)									
		40-50	50-60	60-70	70-80	80-90	90-100	100-110	110-120	120-130	130-140
Height (in cm)	155-160	On request									
	160-165										
	165-170	Size 1									
	170-175										
	175-180										
	180-185	Size 2									
	185-190										
	190-195										
	195-200	Size 3							On request		

REF.	NAME	TYPE OF SHOULDER WEBBING	NB OF ATTACHMENT POINTS	TYPE OF BUCKLES	TYPE OF FRONT ATTACHMENT	SIZE
1032871	MILLER H-DESIGN®	DuraFlex stretch	2	Automatic	2 webbing loops	1
1032872						2
1032873						3
1032875					1 D-ring	1
1032876						2
1032877						3

Conforms to EN 361

Fall arrest harnesses



TITAN™



FEATURES & BENEFITS

Benefits:

- One size fits all.
- Lightweight.
- Fully adjustable design.
- Sliding back D-ring for a comfortable fit.
- Protected front loops on 2-point version.
- Pattern indicator to avoid twisting of the harness.

Features:

- Durable polyester webbing.
- Sub-pelvic strap keeps the wearer upright.
- Manual chest and leg buckles.
- 45 mm chest strap with metal buckle.



Ref. 10 118 91



Ref. 10 118 90

Certified at 140 kg

SIZE SELECTION GUIDE



Weight (in kg)



Height (in cm)

	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90	90-95	95-100	100-105	105-110	110-115	115-120	120-125	125-130	130-135	135-140
160-165	Unique size																			
165-170																				
170-175																				
175-180																				
180-185																				
185-190																				
190-195																				
195-200																				

REF.	SIZE	DESCRIPTION
1011891	Unique	2-point - Front webbing loops and rear attachment
1011890	Unique	1-point - Rear attachment.

Conforms to EN 361

Fall arrest / Work positioning harnesses

A work positioning system is designed to hold a worker in a secure, hands-free working position and is used in conjunction with a fall protection system. A fall can occur while working and this is why a work positioning system is a combination of the fall arrest harnesses that complies with EN 361 together with a work positioning system to EN 358.

MILLER REVOLUTION™ PREMIUM R5



2-point + work positioning – Dorsal D-ring front attachment loops and work positioning belt.

Benefits: Conforms to users movements

- Smoother movement when ascending or descending.
- Rotating PivotLink connections at waist level.
- Full freedom of movement.
- Integrated accessories system.
- Custom identification labels
- Rotating work positioning belt to free hands

Features: Turning point in design

- Elasticated DuraFlexR webbing*.
- ErgoArmor™ padded back shield.
- Quick fixing Cam buckles for easy fit.
- Quick connect buckles at chest & leg.
- Web finials to store spare webbing.
- Self-contained label pack.



SIZE SELECTION GUIDE

		Weight (in kg)																			
		40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90	90-95	95-100	100-105	105-110	110-115	115-120	120-125	125-130	130-135	135-140
Height (in cm)	160-165	Size S/M																			
	165-170																				
	170-175																				
	175-180	Size L/XL										Size XXL									
	180-185																				
185-190																					
190-195																					
195-200																					

		SIZE S/M	SIZE L/XL	SIZE XXL
Waist	89 cm to 110 cm			
	99 cm to 120 cm			
Thigh	31 cm to 66 cm			
	31 cm to 78 cm			
	109 cm to 130 cm			
	31 cm to 90 cm			

REF.	DESCRIPTION	SIZE
1014251	DuraFlex® webbing	S/M
1014252	DuraFlex® webbing	L/XL

Conforms to EN 361 and EN 358

Fall arrest / Work positioning harnesses



MILLER H-DESIGN® BODYFIT HARNESS



FEATURES & BENEFITS

Benefits:

- Perfect fit to all body shapes.
- Greater comfort.
- Freedom of movement.
- Easy to put on and quick to connect.
- More safety: avoids the worker to tilt sideways.
- Easy inspection.
- Better traceability.
- Greater durability.


Features:


- Rotating and unique patented vertically adjustable belt.
- Belt with breathable padding.
- Exclusive and innovative harness structure in 'H':
 - Ergonomically placed webbing.
 - Horizontal leg straps.
- Unique top-down front adjustment.
- Adjustable chest strap.
- Unique patented sternal D-ring with automatic centering in case of a fall.
- Highly visible stitches.
- Front and back fall indicators.
- 10 year inspection chart & user name label.
- Protected webbing: water repellent and stain free.




Miller H-Design® BodyFit
Certified at 140kg

SIZE SELECTION GUIDE



		Weight (in kg)											
		40-50	50-60	60-70	70-80	80-90	90-100	100-110	110-120	120-130	130-140		
 Height (in cm)	155-160	On request											
	160-165	Size 1											
	165-170												
	170-175												
	175-180	Size 2											
	180-185												
	185-190												
	190-195	Size 3											
	195-200									On request			
		SIZE S/M			SIZE L/XL			SIZE XXL					
Waist		80 cm - 100 cm			100 cm - 120 cm			120 cm - 140 cm					
Thigh		Max 75 cm			Max 80 cm			Max 85 cm					



Miller H-Design® BodyFit harness

REF.	NAME	TYPE OF SHOULDER WEBBING	NB OF ATTACHMENT POINTS	TYPE OF BUCKLES	TYPE OF FRONT ATTACHMENT	SIZE
1033536	MILLER H-DESIGN® BODYFIT	DuraFlex stretch	2	Automatic	2 webbing loops	1
1033537						2
1033538						3
1033540					1 D-ring	1
1033541						2
1033542						3

Conforms to EN 361 and EN 358

Fall arrest / Work positioning harnesses

MILLER H-DESIGN® BODYFIX HARNESS



FEATURES & BENEFITS

Benefits:

- Improved freedom of movement.
- Easy to put on and quick to connect.
- More safety: avoids the worker to tilt sideways.
- Easy inspection.
- Better traceability.
- Greater durability.

Features:


- Comfortable waist belt with breathable padding.
- Exclusive and innovative harness structure in 'H':
 - Ergonomically placed webbing.
 - Horizontal leg straps.

- Unique top-down front adjustment.
- Adjustable chest strap.
- Accessible back D-ring due to its bended position.
- Unique patented sternal D-ring with automatic centering in case of a fall.
- Highly visible stitches.
- Front and back fall indicators.
- 10 year inspection chart & user name label.
- Protected webbing: water repellent and stain free.




Miller H-Design® BodyFix
Certified at 140kg

SIZE SELECTION GUIDE



		Weight (in kg)									
		40-50	50-60	60-70	70-80	80-90	90-100	100-110	110-120	120-130	130-140
Height (in cm)	155-160	On request									
	160-165										
	165-170	Size 1									
	170-175										
	175-180										
	180-185	Size 2									
	185-190										
	190-195	Size 3									
195-200								On request			



	SIZE S/M	SIZE L/XL	SIZE XXL
Waist	80 cm - 100 cm	100 cm - 120 cm	120 cm - 140 cm
Thigh	Max 75 cm	Max 80 cm	Max 85 cm

Miller H-Design® BodyFix harness

REF.	NAME	TYPE OF SHOULDER WEBBING	NB OF ATTACHMENT POINTS	TYPE OF BUCKLES	TYPE OF FRONT ATTACHMENT	SIZE
1035152	MILLER H-DESIGN® BODYFIX	Duraflex	2	Automatic	2 webbing loops	1
1035153						2
1035154						3

Conforms to EN 361 and EN 358

Fall arrest / Work positioning harnesses



TITAN™



Cost effective harness for work positioning.

FEATURES & BENEFITS

Benefits:

- One size fits all
- Lightweight
- Fully adjustable design.
- Sliding back D-ring for a comfortable fit.
- Soft and lightweight waistbelt



Features:

- Durable polyester webbing.
- Sub-pelvic strap keeps the wearer upright.
- 45 mm chest strap with metal buckle.
- Manual buckles.
- Front and rear attachment with work positioning belt.



Certified at 140kg

SIZE SELECTION GUIDE

		 Weight (in kg)																			
		40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90	90-95	95-100	100-105	105-110	110-115	115-120	120-125	125-130	130-135	135-140
 Height (in cm)	160-165	Unique size																			
	165-170																				
	170-175																				
	175-180																				
	180-185																				
	185-190																				
	190-195																				
195-200																					

SIZE	
Waist	85 cm to 150 cm
Thigh	35 cm 100 cm

REF.	SIZE	DESCRIPTION
1011894	Unique	2-point + work positioning Front and rear attachment with work positioning belt. Front webbing loops.

Conforms to EN 361 and EN 358

Technical guide

NAME	STANDARD	REF.	SIZES	ATTACHMENT POINT				WEB	BUCKLES			
				Dorsal	Sternal	Ventral	Side		Shoulder	Belt	Leg	Chest
REVOLUTION™ RANGE												
Miller Revolution™ R2	EN 361	1014236	S/M	•	•			DuraFlex	CAM		Automatic	Automatic
		1014237	L/XL	•	•			DuraFlex	CAM		Automatic	Automatic
Miller Revolution™ R5	EN 361, EN 358	1014251	S/M	•	•		•	DuraFlex	CAM	Automatic	Automatic	Automatic
		1014252	L/XL	•	•		•	DuraFlex	CAM	Automatic	Automatic	Automatic
H-DESIGN® RANGE												
Miller H-Design®	EN 361	1032871	1	•	•			DuraFlex	Manual		Automatic	Automatic
		1032872	2	•	•			DuraFlex	Manual		Automatic	Automatic
		1032873	3	•	•			DuraFlex	Manual		Automatic	Automatic
		1032875	1	•	•			DuraFlex	Manual		Automatic	Automatic
		1032876	2	•	•			DuraFlex	Manual		Automatic	Automatic
		1032877	3	•	•			DuraFlex	Manual		Automatic	Automatic
H-DESIGN® RANGE												
Miller H-Design® BodyFit	EN 361, EN 358	1033536	1	•	•		•	DuraFlex	Manual	Automatic	Automatic	Automatic
		1033537	2	•	•		•	DuraFlex	Manual	Automatic	Automatic	Automatic
		1033538	3	•	•		•	DuraFlex	Manual	Automatic	Automatic	Automatic
		1033540	1	•	•		•	DuraFlex	Manual	Automatic	Automatic	Automatic
		1033541	2	•	•		•	DuraFlex	Manual	Automatic	Automatic	Automatic
		1033542	3	•	•		•	DuraFlex	Manual	Automatic	Automatic	Automatic
Miller H-Design® BodyFix	EN 361, EN 358	1035152	1	•	•		•	DuraFlex	Manual	Automatic	Automatic	Automatic
		1035153	2	•	•		•	DuraFlex	Manual	Automatic	Automatic	Automatic
		1035154	3	•	•		•	DuraFlex	Manual	Automatic	Automatic	Automatic
TITAN™ RANGE												
TITAN™	EN 361	1011890	unique	•				Polyester			Manual	Manual
TITAN™	EN 361	1011891	unique	•	•			Polyester			Manual	Manual
TITAN™ + positioning belt	EN 361, EN 358	1011894	unique	•	•		•	Polyester			Manual	Manual



Self retracting lifelines

| Blocks

MILLER SELF RETRACTING LIFELINES FEATURES

SWIVEL

Prevent damage to the lifeline from twisting during use and binding inside of the unit.



WEBBING

Lightweight and high abrasion resistance.



FALL INDICATOR

Highly visible fall indicator at the snap hook identifies when the unit needs to be removed from service.



EDGE TESTED

Innovative technology for working on edges featuring web with special heat and cut resistance.



Edge tested

ENERGY ABSORBER

Reduces the fall arrest forces in case of a fall, located on the lifeline.



SCAFF HOOK

Large opening karabiners allow connecting the self retracting swivel integrated lifeline to a large range of anchorage point.



CABLE GALVANISED OR STAINLESS STEEL

Cable and karabiners are treated to prevent from corrosion and rusting and extend service life.



Self retracting lifelines webbing

Self retracting lifelines are mechanical devices with quick-activating braking system that limits a free fall to centimetres, with reduced fall arrest forces making this especially suitable for low-space fall clearance. The automatic retractable cable allows freedom of movement for workers who need to move relatively quickly up and down on a worksite. Honeywell Miller offers the most comprehensive range of fall arrest blocks including robust, lightweight composite blocks, heavy-duty fall arrest, and rescue models with metallic housing; and choice of lifeline materials: webbing, stainless steel, and galvanised steel with lengths available from 2 m to 30 m. Also, Honeywell Miller has a complete range of edge-tested solutions including lanyards, webbing SRLs, and cable SRLs that deliver greater safety in case of horizontal application where the risk of fall over an edge is high.

TURBOLITE™ BLOCK



Best alternative to shock-absorbing lanyards used in Factor 2.
2 m – Self retracting webbing lifeline.

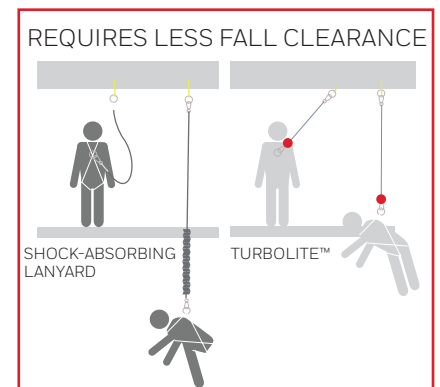
FEATURES & BENEFITS

Benefits:

- Usable in Fall Factor 2.
- Compact & lightweight.
- Low space clearance of 1.80 m compared to 2.50 m for a shock-absorbing lanyard (Fall Factor 0).
- Adapted to all situations when working with low space clearance.
- Can be used in Fall Factor 2 (below the back D-ring and not lower than foot level).
- Can be used both ways around
- Rated for up to a 136 kg in fall factor 0; and a 100 kg user in Fall Factor 1 and 2.
- Abrasion resistance and long service life.
- No annual factory recertification required.*

Features:

- Built-in web fall indicator identifies when to remove from service.
- Quick activating patent pending braking system.
- Provides 2 m working capacity lifeline.
- Engineered webbing (vectran/polyester webbing) for greater abrasion resistance and long service life.
- Built-in swivel prevents lifeline from twisting during use.
- High-strength, impact-resistant nylon housing for maximum durability.



REF.	WEBBING SIDE	BLOCK SIDE
1018015	Twistlock Steel	Twistlock Steel
1018013	Scaff hook Alu op 65 mm	Twistlock Steel
1018014	Twistlock Steel	Scaff hook Alu op 65 mm
1017900	Snap hook Alu op 21 mm	Twistlock Alu op 21 mm

Conforms to EN 360.

* The CE standard requires inspection by a trained competent person, following the Miller Repair Guide.



Ref. 1018015 Ref. 1018014 Ref. 1017900 Ref. 1018013

Self retracting lifelines webbing



MILLER TURBOLITE™ EDGE SELF RETRACTING LIFELINE

The Miller TurboLite edge is a lightweight and highly durable 2m edge-tested web self retracting lifeline. It is certified at **140 kg in FF0, FF1 and FF2** and approved for foot level attachment.

FEATURES & BENEFITS

Benefits:

- Increased freedom of movement.
- Comfort at work.
- Reduced fall arrest distance, especially important when little vertical clearance is available.

Features:

- A twist-lock top karabiner for easy attachment to harness back D-ring.
- A swivel between housing and absorber to follow movements in all directions.
- A unique power spring mechanism inside housing for smooth sliding of lifeline
- Integrated fall indicator.
- Unique aluminium karabiner with integrated swivel avoids twist effect of the webbing which optimises webbing retractability (less risk of blocking), without adding length (no separate swivel).
- Very quick locking mechanism.

Four combinations of connectors

REF.	LENGTH	ANCHORAGE CONNECTION	HARNES CONNECTION	
1033464	2 m	Scaffold hook Alu with integrated swivel	Twistlock Alu	
1033465	2 m	Twistlock Alu with integrated swivel	Twistlock Alu	
1033466	2 m	Scaffold hook Alu with integrated swivel	Twistlock Alu	
1033467	2 m	—	—	

Certified to the requirements of EN 360: 2002 - VG11.085 (FF2) + VG11.060 (Edge tested) **140 kg certified** (VG11.062)



Self retracting lifelines webbing

MILLER TURBOLITE™ EXTREME SELF RETRACTING LIFELINE

FEATURES

Features:

- Designed for use in edge applications with radius $\geq 0,5\text{mm}$
- Certified to EN360: 2002, VG11 (Rev 08) edge tested, compliant with datasheet CNB/P/11.060
- Galvanized cable lifeline
- Available in length of 2,75m
- Single and twin configurations
- Variety of lifeline connector options

REF.	LENGTH (M)	CONFIGURATION	MATERIAL	HARNES CONNECTOR	ANCHORAGE CONNECTOR
1035728-E	2,75	Single	Cable	Pin	Snaphook Steel with Swivel
1035729-E	2,75	Single	Cable	Pin	Scaffhook Steel with Swivel
1035731-E	2,75	Single	Cable	Pin	Twistlock Alu with Swivel
1035732-E	2,75	Single	Cable	Pin	Scaffhook Alu with Swivel
1035733-E	2,75	Twin	Cable	Pin	Snaphook Steel with Swivel
1035734-E	2,75	Twin	Cable	Pin	Scaffhook Steel with Swivel
1035735-E	2,75	Twin	Cable	Pin	Twistlock Alu with Swivel
1035736-E	2,75	Twin	Cable	Pin	Scaffhook Alu with Swivel



MILLER TURBOLITE™ EDGE SELF RETRACTING LIFELINE

FEATURES

Features:

- Designed for use in edge applications with radius $\geq 0,5\text{mm}$
- Certified to EN360: 2002, VG11 (Rev 08) edge tested, compliant with datasheet CNB/P/11.060.
- Honeywell Spectra® webbing lifeline provides outstanding chemical, abrasion, and cut resistance
- Available in lengths of 2,75m & 3,65m
- Single and twin configurations
- Variety of lifeline connector options

REF.	LENGTH (M)	CONFIGURATION	MATERIAL	HARNES CONNECTOR	ANCHORAGE CONNECTOR
1035741-E	2,75	Single	Web	Pin	Snaphook Alu with Swivel
1035743-E	2,75	Single	Web	Pin	Scaffhook Alu with Swivel
1035742-E	2,75	Single	Web	Pin	Twistlock Alu with Swivel
1035745-E	2,75	Twin	Web	Pin	Snaphook Alu with Swivel
1035747-E	2,75	Twin	Web	Pin	Scaffhook Alu with Swivel
1035746-E	2,75	Twin	Web	Pin	Twistlock Alu with Swivel
1035749-E	2,75	Single	Web	Pin	Snaphook Alu with Swivel
1035751-E	2,75	Single	Web	Pin	Scaffhook Alu with Swivel
1035750-E	2,75	Single	Web	Pin	Twistlock Alu with Swivel
1035753-E	2,75	Twin	Web	Pin	Snaphook Alu with Swivel
1035755-E	2,75	Twin	Web	Pin	Scaffhook Alu with Swivel
1035754-E	2,75	Twin	Web	Pin	Twistlock Alu with Swivel



Self retracting lifelines cable



FALCON™ BLOCK



The safest, most robust and comprehensive range of composite retractable lifelines on the market. 6.2 m to 20 m - Cable self retracting lifeline.

FEATURES & BENEFITS

Benefits: Increase durability

- Stops the fall within a few centimetres for a quick and safe rescue.
- Lightweight, robust composite unit.
- Easy-to-install.
- No annual factory re-certification required.
- Lowers cost of ownership and increases productivity.

Features: Easy adjustment

- Quick-activating braking mechanism.
- Highly visible fall indicator.
- Screwgate karabiner.
- Dual stainless steel swivels (unit top and snaphook).
- Corrosion-resistant stainless steel and aluminium internal components.
- High impact resistant nylon housing.
- Ergonomically designed moulded handle (15 m & 20 m models).



REF.	CABLE LENGTH (M)	CABLE	CONNECTORS				WEIGHT (KG)	DIMENSIONS (MM)
			TOP		BOTTOM	SNAP HOOK WITH FALL INDICATOR		
			KARABINER	SWIVEL	SWIVEL			
1011742	10	Galvanised	•	•	•	Steel	5	255 x 213 x 101
1011746	15	Galvanised	•	•	•	Steel	6.7	342 x 246 x 101
1011750	20	Galvanised	•	•	•	Steel	7.6	342 x 246 x 101
1011743	10	Stainless steel	•	•	•	Steel	5	255 x 213 x 101
1011747	15	Stainless steel	•	•	•	Steel	6.7	342 x 246 x 101
1011751	20	Stainless steel	•	•	•	Steel	7.6	342 x 246 x 101

Conforms to EN 360



Self retracting lifelines cable

FALCON™ EDGE

Edge-tested self retracting lifeline with optimal safety for all situations when working at height

FEATURES & BENEFITS

Benefits:

- Protects in all work situations (horizontal, vertical, mounted overhead, anchored at foot level and work near edges).
- Quick arrest and short fall distance (fall distance <1,40 m, tested at 136 kg).
- Available in 6,2 m, 9 m working lengths; 15 m and 18 m will be available in 2018.
- Increased durability, simple maintenance and extended service.
- Increased lifetime and lower cost of ownership:
 - Quick and easy to maintain (no annual maintenance).
 - After 10 years of use: only cable and shock absorber replacement.

Features:

- Designed for edge applications with an edge radius of $\geq 0,5$ mm.
- Meets the most stringent safety standards, including EN360 Type B, VG11 (Rev 08).
- Certified to 2014 latest test requirements (VG11 edge-tested): Edge configuration tested to max weight - 136 kg.
- Integral shock absorber connected to the worker to increase safety.
- Unique patented shock absorber pack offering longer lifetime versus textile, resistant to UV and humidity (IP67), requires no annual inspection.
- Highly visible fall indicator on ergonomically designed robust handle.
- Corrosion-resistant internal components
- Dual swivels increase mobility and minimize lifeline from twisting.



REF.	CABLE LENGTH (M)	CABLE	CONNECTORS			WEIGHT (KG)	DIMENSIONS MM
			TOP		BOTTOM		
			KARABINER	SWIVEL	SNAP HOOK WITH FALL INDICATOR		
1034053	9	Galvanised steel	•	•	Galvanised steel	4.8	870 x 213 x 101
1034054	15	Galvanised steel	•	•	Galvanised steel	7.5	960 x 246 x 101
1034057	9	Stainless steel	•	•	Stainless steel	4.8	870 x 213 x 101
1034058	15	Stainless steel	•	•	Stainless steel	7.5	960 x 246 x 101

Conforms to EN360 Type B, VG11 (Rev 08)

The CE standard requires inspection by a trained competent person, following the Miller Repair Guide.

Technical guide



LENGTH	REF.	STANDARD	CABLE		WEBBING	FALL FACTOR	ANCHORAGE CONNECTION		HARNESS CONNECTION		FALL INDICATOR	WEIGHT
			Galva	Stain Steel			Karabiner	Swivel	Swivel	Harness Connection		

TURBOLITE

2 m	1018015	EN 360			•	0 - 1 - 2	Twistlock Steel	•		Twistlock Steel	Web shock absorber	0.86 kg
2 m	1018013	EN 360			•	0 - 1 - 2	Twistlock Steel	•		Scaff hook Alu	Web shock absorber	0.86 kg
2 m	1018014	EN 360			•	0 - 1 - 2	Scaff hook Alu	•		Twistlock Steel	Web shock absorber	0.86 kg
2 m	1017900	EN 360			•	0 - 1 - 2	Twistlock Alu	•		Snap hook Alu	Web shock absorber	0.86 kg

TURBOLITE™ EDGE TESTED

2 m	1033464	EN 360, VG11.060, VG.062, VG.085			•	0 - 1 - 2	Scaff hook Alu	•		Twistlock Alu	Warning label	1.4 kg
2 m	1033465				•	0 - 1 - 2	Twistlock Alu	•		Twistlock Alu	Warning label	1.0 kg
2 m	1033466				•	0 - 1 - 2	Scaff hook Alu	•		Twistlock Alu	Warning label	1.2 kg
2 m	1033467				•	0 - 1 - 2	-			-	Warning label	0.7 kg

FALCON™ EDGE

9 m	1034053	EN 360, VG 11	•			0-1-2	Twistlock Steel	•	•	Twistlock Steel	Twistlock Steel	4.8 kg
15 m	1034054	EN 360, VG 11	•			0-1-2	Twistlock Steel	•	•	Twistlock Steel	Twistlock Steel	7.5 kg
9 m	1034057	EN 360, VG 11		•		0-1-2	Twistlock St Steel	•	•	Twistlock St Steel	Twistlock St Steel	4.8 kg
15 m	1034058	EN 360, VG 11		•		0-1-2	Twistlock St Steel	•	•	Twistlock St Steel	Twistlock St Steel	7.5 kg

*Atex version

REF	LENGTH (M)	CONFIGURATION	MATERIAL	HARNESS CONNECTOR	ANCHORAGE CONNECTOR
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TURBOLITE™ EXTREME

1035728-E	2,75	Single	Cable	Pin	Snaphook Steel with Swivel
1035729-E	2,75	Single	Cable	Pin	Scaffhook Steel with Swivel
1035731-E	2,75	Single	Cable	Pin	Twistlock Alu with Swivel
1035732-E	2,75	Single	Cable	Pin	Scaffhook Alu with Swivel
1035733-E	2,75	Twin	Cable	Pin	Snaphook Steel with Swivel
1035734-E	2,75	Twin	Cable	Pin	Scaffhook Steel with Swivel
1035735-E	2,75	Twin	Cable	Pin	Twistlock Alu with Swivel
1035736-E	2,75	Twin	Cable	Pin	Scaffhook Alu with Swivel

TURBOLITE™ EDGE

1035741-E	2,75	Single	Web	Pin	Snaphook Alu with Swivel
1035743-E	2,75	Single	Web	Pin	Scaffhook Alu with Swivel
1035742-E	2,75	Single	Web	Pin	Twistlock Alu with Swivel
1035745-E	2,75	Twin	Web	Pin	Snaphook Alu with Swivel
1035747-E	2,75	Twin	Web	Pin	Scaffhook Alu with Swivel
1035746-E	2,75	Twin	Web	Pin	Twistlock Alu with Swivel
1035749-E	2,75	Single	Web	Pin	Snaphook Alu with Swivel
1035751-E	2,75	Single	Web	Pin	Scaffhook Alu with Swivel
1035750-E	2,75	Single	Web	Pin	Twistlock Alu with Swivel
1035753-E	2,75	Twin	Web	Pin	Snaphook Alu with Swivel
1035755-E	2,75	Twin	Web	Pin	Scaffhook Alu with Swivel
1035754-E	2,75	Twin	Web	Pin	Twistlock Alu with Swivel



Lanyards

A lanyard is used to connect the workers harness to the anchorage point as an intermediate attachment when working at height. A connecting lanyard may be one of the 3 types: **Fall Arrest**, **Fall Restraint**, or **Work Positioning**.

MILLER LANYARDS FEATURES

ENERGY SHOCK ABSORBER

Featuring a built-in absorber which limits the fall arrest force in a fall situation to 6 kN.



ELASTICATED LANYARD*

Light and stretchable, it moves with the worker and reduces tripping or snagging hazards.



EDGE TESTED

Innovative technology for working on edges, features webbing with special heat and cut resistance.



Edge tested

ADJUSTABLE

Fall arrest, restraint or work positioning lanyard can be easily adjusted to the length needed to work safely and comfortably.



CONNECTORS

Connectors are available to attach to different anchorage points.



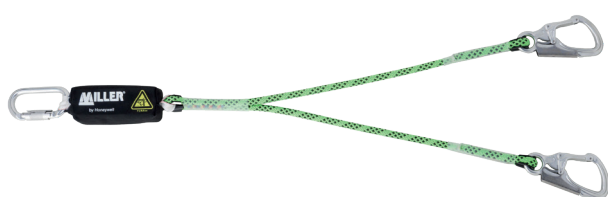
Edge-tested shock absorbing lanyards



Edge resistant lanyards: unique solutions to solve the technical problem posed by the breaking of fall protection equipment on edges! To prevent the risk of failure on an edge during work at height, requires a two-fold solution: fall arrest equipment has been developed with resistance to failure on edges whilst also absorbing the fall arrest forces.

MILLER EDGE-TESTED KERMANTEL LANYARDS

Kernmantel shock absorbing lanyards



FEATURES & BENEFITS

Benefits:













- Edge tested kernmantel ropes.
- Safe work on edges.
- Abrasion resistant.
- Easy identifiable from a distance.
- Easy pre-use safety check.
- Fitting all workers needs (different lengths and connectors).

Features:

- Edge tested products (compliant to VG11 PPE 11.074).
- High quality kernmantel rope.
- Highly visible rope (Light green).
- Multicolor stitches assist inspection.
- Wide range of products.



Edge tested

REF.	LENGTH	LANYARD TYPE	HARNESS CONNECTOR		ANCHORAGE CONNECTOR	
1032373	1.5 m	Single	Twistlock Steel op 17 mm		Scaffhook Steel op 55 mm	
1032376	1.5 m	Single	Twistlock Alu op 18 mm		Twistlock Alu op 60 mm	
1032379	1.5 m	Single	Twistlock Alu op 18 mm		Scaffhook Alu op 63 mm	
1032380	2 m	Single	Twistlock Alu op 18 mm		Scaffhook Alu op 63 mm	
1032388	1.5 m	Twin	Twistlock Steel op 17 mm		Scaffhook Steel op 55 mm	
1032390	1 m	Twin	Twistlock Alu op 18 mm		Twistlock Alu op 60 mm	
1032394	1.5 m	Twin	Twistlock Alu op 18 mm		Twistlock Alu op 60 mm	

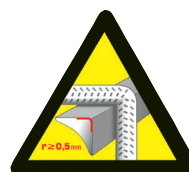
Conforms to EN 355



Edge-tested shock absorbing Manyard®

To prevent the risk of a fall, it is made of stretch webbing and comes with a variety of connectors. With a maximum of 2 m length, it includes an integrated shock absorber to dissipate the forces on the body in case of a fall. Light and stretchable, Manyard® moves with you.

EDGE-TESTED STRETCHABLE SHOCK-ABSORBING LANYARDS



Edge tested

FEATURES & BENEFITS











Additional benefits:

- Mechanical properties resistant against cutting and shearing.

Additional features:

- Patented core-yarn technology.
- Identifiable green tubular webbing with a black stripe or with a black shock-absorber.
- Wrapped filament combining two types of thread: one shock absorbent and one abrasion resistant.

EDGE-TESTED SHOCK ABSORBING MANYARD®

REF.	LENGTH	LANYARD TYPE	HARNESS CONNECTOR		ANCHORAGE CONNECTOR	
1017916	2 m	Single	Screwgate Alu op 17 mm		Scaffhook Alu op 63 mm	
1028520	1.5 m	Twin	Twistlock Steel op 17 mm		Scaffhook Steel op 55 mm	
1028521	2 m	Twin	Twistlock Steel op 17 mm		Scaffhook Steel op 55 mm	
1028522	2 m	Twin	Twistlock Alu op 16 mm		Scaffhook Alu op 63 mm	
1028523	1.5 m	Twin	Twistlock Alu op 16 mm		Scaffhook Alu op 63 mm	

Shock-absorbing lanyards



Between rope and webbing shock-absorbing lanyards, the choice is primarily one of preference since they both offer the same high level of performance. Available with a variety of attachments and designed to better meet fall protection needs. Standard : EN355

TITAN™ A3



Webbing shock-absorbing lanyard



TWIN TITAN™ A3



Twin webbing shock-absorbing lanyard



TITAN™ C3



Rope shock-absorbing lanyard



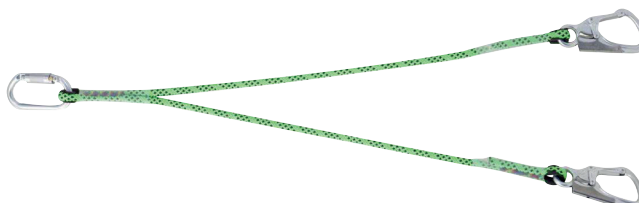
REF.	MODEL	LENGTH	LANYARD TYPE	HARNESSE CONNECTOR	ANCHORAGE CONNECTOR
1013430	TITAN™ A3	2 m	Single	Screwgate Steel op 17 mm	Scaffhook Alu op 63 mm
1013431	TITAN™ A3	2 m	Twin	Screwgate Steel op 17mm	Scaffhook Alu op 63 mm



Restraint lanyards

MILLER KERNMANTEL LANYARDS

Kernmantel restraint lanyards













FEATURES & BENEFITS

Benefits:

- Ultra-resistant and new stylish kernmantel ropes.
- Abrasion resistant.
- Easily identifiable from a distance.
- Easy pre-use safety check.
- Fitting all workers needs (different lengths and connectors).

Features:

- High quality kernmantel rope.
- Highly visible rope (light green).
- Multicolor stitches assist inspection.
- Wide range of products.

REF.	LENGTH	LANYARD TYPE	HARNES CONNECTOR	ANCHORAGE CONNECTOR
1032340	1.5 m	Single	Twistlock Steel op 17 mm 	Scaffhook Steel op 55 mm 
1032342	1 m	Single	Twistlock Alu op 18 mm 	Scaffhook Alu op 63 mm 
1032351	1 m	Twin	Twistlock Steel op 17 mm 	Scaffhook Steel op 55 mm 
1032352	1.5 m	Twin	Twistlock Steel op 17 mm 	Scaffhook Steel op 55 mm 
1032360	1 m	Twin	Twistlock Alu op 18 mm 	Snaphook Alu op 25 mm 

Conforms to EN 354 -358

Work positioning lanyards

Used to allow hands free work, to complement a fall arrest system. The length is easily adjustable with one hand to fit around the structure and then onto the side D-rings of the harness belt. Conforms to EN 358.

Miller HandZup®



Work positioning lanyard that leaves your hands free to work in complete safety!

FEATURES & BENEFITS







Benefits:

- Specially designed for improved handling and greater comfort during work.
- Just a few seconds are sufficient to accurately adjust the lanyard to the perfect work positioning point.
- An economical system: it is not necessary to change the entire system when only the rope is unserviceable. The rope can be replaced by a user when necessary.
- Rope that lasts double the length of time: the new polyamide braided rope is twice as resistant compared to ordinary rope.

Features:

- 2 aluminium side plates.
- ABS handle.
- Aluminium compartment.
- Stainless steel pivoting cam.
- 100% polyamide braided rope, diameter 12 mm with or without protection sleeve.
- Plastic sleeve protecting rope termination.
- Optional repositionable locking screw.



REF.	LENGTH	PROTECTION SHEATH	HARNES CONNECTOR	ANCHORAGE CONNECTOR
1032097	2 m	X	Snaphook Alu op 25 mm 	Twistlock Alu op 18 mm 
1032098	3 m	X	Snaphook Alu op 25 mm 	Twistlock Alu op 18 mm 
1032099	4 m	X	Snaphook Alu op 25 mm 	Twistlock Alu op 18 mm 

Conforms to EN 358



Technical guide

MODEL	STANDARDS	WEBBING	ROPE	SINGLE	TWIN	ADJUSTABLE	1 M	1.5 M	1.8 M	2 M	HARNESS CONNECTOR	ANCHORAGE CONNECTOR
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EDGE TESTED SHOCK ABSORBING LANYARDS

Kernmantel Edge	EN355		•	•				1032373			Twistlock Steel op 17 mm	Scaff hook Steel op 55 mm
Kernmantel Edge	EN355		•	•				1032376			Twistlock Alu op 18 mm	Twistlock Alu op 60 mm
Kernmantel Edge	EN355		•	•				1032379			Twistlock Alu op 18 mm	Scaff hook Alu op 63 mm
Kernmantel Edge	EN355		•	•						1032380	Twistlock Alu op 18 mm	Scaff hook Alu op 63 mm
Kernmantel Edge	EN355		•		•			1032388			Twistlock Steel op 17 mm	Scaff hook Steel op 55 mm
Kernmantel Edge	EN355		•		•		1032390				Twistlock Alu op 18 mm	Twistlock Alu op 60 mm
Kernmantel Edge	EN355		•		•			1032394			Twistlock Alu op 18 mm	Twistlock Alu op 60 mm

SHOCK ABSORBING MANYARD®

Edge tested Manyard®	EN 355	•		•						1017916	Screwgate Alu op 17 mm	Scaff hook Alu op 63 mm
Edge tested Manyard®	EN 355	•			•				1028520		Twistlock Steel op 17 mm	Scaff hook Steel op 55 mm
Edge tested Manyard®	EN 355	•			•					1028521	Twistlock Steel op 17 mm	Scaff hook Steel op 55 mm
Edge tested Manyard®	EN 355	•			•					1028522	Twistlock Alu op 16 mm	Scaff hook Alu op 63 mm
Edge tested Manyard®	EN 355	•			•				1028523		Twistlock Alu op 16 mm	Scaff hook Alu op 63 mm

SHOCK ABSORBING LANYARDS

Titan™ A3	EN 355	•		•						1013430	Screwgate Steel op 17 mm	Scaff hook Alu op 63 mm
Titan™ A3	EN 355	•			•					1013431	Screwgate Steel op 17 mm	Scaff hook Alu op 63 mm

RESTRAINT LANYARD

Kernmantel lanyard	EN 354 & 358		•	•					1032340		Twistlock Steel op 17 mm	Scaff hook Steel op 55 mm
Kernmantel lanyard	EN 354 & 358		•	•				1032342			Twistlock Alu op 18 mm	Scaff hook Alu op 63 mm
Kernmantel lanyard	EN 354 & 358		•		•			1032351			Twistlock Steel op 17 mm	Scaff hook Steel op 55 mm
Kernmantel lanyard	EN 354 & 358		•		•			1032352			Twistlock Steel op 17 mm	Scaff hook Steel op 55 mm
Kernmantel lanyard	EN 354 & 358		•		•		1032360				Twistlock Alu op 18 mm	Snaphook Alu op 25 mm

MODEL	STANDARDS	WEBBING	ROPE	PROTECTIVE SHEET	2 M	3 M	4 M	5 M	KARABINER AT ROPE TERMINATION	KARABINER AT TENSION
-------	-----------	---------	------	------------------	-----	-----	-----	-----	-------------------------------	----------------------

WORK POSITIONING LANYARDS

HandZup®	EN 358		•	•	1032097				Snaphook Alu op 25 mm	Twistlock Alu op 18 mm
HandZup®	EN 358		•	•		1032098			Snaphook Alu op 25 mm	Twistlock Alu op 18 mm karabiner
HandZup®	EN 358		•	•			1032099		Snaphook Alu op 25 mm	Twistlock Alu op 18 mm



Anchorage points

One of the most important aspects of a fall protection system, is the selection of a reliable anchorage point (A) to ensure full safety. This shall:

- have a static resistance.
- be located at a safe distance above any lower obstacles.
- be as vertical as possible to the work station to avoid the swing effect.

TITAN™



Webbing anchorage sling.

FEATURES & BENEFITS

Benefits: The anchorage sling provides a secure anchorage point for the fall arrest device

- High breaking strength.
- Lightweight.
- Safe and easy-to-install anchorage point.

Features:

- 20 mm red and black polyamide webbing.
- Breaking strength: >10 kN.

REF.	LENGTH
1008360	0.6 m
1008361	0.8 m

Conforms to EN795b:1996 & EN566



WEBBING MOBILE LIFELINE WITH ANCHORAGE SLING



Webbing Temporary Horizontal Lifeline

FEATURES & BENEFITS

Benefits:

- Offers a large working area.
- Fast and easy to install.
- For use by one or two workers.
- Maximum working length 20 m.
- Fixing to either permanent anchorage points or temporary webbing anchorage slings.

Features:

- Durable polyester webbing with 35 mm.
- Length adjuster.
- Delivered in a bag.

REF.	DESCRIPTION
1011160	Webbing mobile lifeline 20 meters
1012060	Webbing mobile lifeline 20 meters with 2 fall indicators



Confined space

DuraHoist 3Pod



FEATURES AND BENEFITS

A single tripod adjustable to various confined space work situations. It is easy to transport and rapid to install.

- Easy to carry & move (leg profile ergonomic for hand grip)
- Easy & safe to install in less than two minutes (all legs open simultaneously, one knob fixing all legs together)
- Adaptable to different manhole sizes (1 m – 1.50 m – 2.50 m)
- Certified to the last requirements of the EN 795:2012 class B (CN/TS 16415)
- Tested for two persons (up to 140 kg each)



KITS		DURAHOIST 3POD 1034430	MIGHTYLITE EVAC 15 M GALVANIZED WIRE ROPE 1005149-A	MIGHTYLITE EVAC BRACKET FOR 15 M DURAHOIST 3POD 1034431	DURAHOIST WINCH 15 M STAINLESS STEEL 1034611	WINCH BRACKET FOR 15 M & 30 M 1034613
1034910	3pod + MightEvac 15 m G + Bracket	✓	✓	✓		
1034911	3pod + MightEvac 15 m G + Winch 15 m + 2 brackets	✓	✓	✓	✓	✓



Fall arrest kits

All in one! 6 Ready-to-use kits dedicated to construction and general industry including the new range of innovative H-shaped harnesses "Miller H-Design™"

MILLER H-DESIGN® UNIVERSAL KITS



FEATURES & BENEFITS

A lightweight and comfortable solution to work safely in low fall clearance situations

UNIVERSAL KIT WITH 2-POINT HARNESS	UNIVERSAL KIT WITH 1-POINT HARNESS
Miller H-Design® harness: 2 sternal loops and dorsal attachment, automatic buckles, DuraFlex webbing, size 2 (ref. 1032872)	Miller H-Design® harness: dorsal attachment, automatic buckles, DuraFlex webbing, size 2 (ref. 1032860)
Miller TurboLite twistlock karabiner + scaffoldhook 65 mm (ref. 1018013)	
Sling 1.2 m (ref. 1008363)	
Miller black backpack (ref. 1007067)	

Ref. 1033442

Ref. 1033776

MILLER H-DESIGN® ROOFING KIT



FEATURES & BENEFITS

A lightweight and comfortable solution to work safely and freely on roofs

ROOFING KIT
Miller H-Design® harness: 2 sternal loops and dorsal attachment, DuraFlex webbing, automatic buckles, size 2 (ref. 1032872)
New rope grab version to come
Plastic case (ref. 1002864)

Ref. 1033777



Fall arrest kits

MILLER H-DESIGN® BACKPACK KITS



FEATURES & BENEFITS

A lightweight and comfortable solution to work safely by reducing the risk of tripping hazard

BACKPACK KIT WITH 2-POINT HARNESS	BACKPACK KIT WITH 1-POINT HARNESS
Miller H-Design® harness: 2 sternal loops and dorsal attachment, mating buckles, DuraFlex webbing, size 2 (ref. 1032864)	Miller H-Design® harness: dorsal attachment, mating buckles, DuraFlex webbing, size 2 (ref. 1032856)
Miller Manyard 2m with scaffhook (ref. 1005325)	
Miller black backpack (ref. 1007067)	

Ref. 1033871

Ref. 1033870



PSS kits

Fall protection equipment is a category 3 PPE, because it protects the user from serious or mortal danger. It is therefore absolutely mandatory to follow a fall protection programme before using your equipment. For information about Miller training : millertraining@honeywell.com

ROOFING KIT TITAN™

FEATURES & BENEFITS

- Rapid Fall Arrest
- Unique size 2-points harness

REF.	PRODUCT
1031430	1 Titan ; 2-points harness ; new rope grab version to come ; 1 webbing strap ; Titan 0.8 m ; 1 bag



TITAN™ MOBILE PLATFORM KIT

FEATURES & BENEFITS

- Unique size 1-point harness
- Edge lanyard with high abrasion resistance
- Karabiner opening 55 mm, Material: steel

REF.	PRODUCT
1034075	1 Titan™ 1-point harness, 1 Edge lanyard 1m (CS20 + steel karabiner op 50 mm), 1 bag





PSS kits

ROOFING KIT H-DESIGN®

FEATURES & BENEFITS

- Rapid fall arrest
- Elastic harness, adapts to the body's movements
- Automatic buckle

REF.	PRODUCT
1034070	1 2-points H-DESIGN Duraflex harness M/L ; new rope grab version to come ; 1 webbing strap lg 0.8 m ; 1 bag



SCAFFOLDING KIT H-DESIGN® TURBOLITE™

FEATURES & BENEFITS

- Self retracting webbing and immediate fall arrest
- Karabiner opening 55 mm
- Material: steel
- Can be used at foot level
- Elastic harness adapts to the body's movement
- Full freedom of movement at hip level
- Automatic buckles

REF.	PRODUCT
1034071	1 2-points H-DESIGN harness M/L, 1 Block Turbolite web lg 2 m (Twistlock+Scaff hook), 1 bag



TITAN™ RESTRAINT LANYARD 2 M

FEATURES & BENEFITS

- Adjustable
- Diameter of the rope: 12 mm

REF.	PRODUCT
1031451	TITAN™ Restraint lanyard 2 m





Product classification

Valid from January 1, 2018

Product on stock : shipment within 3 DAYS according indicating quantities below:

MAX A: 50 units - **B:** 20 units - **C:** 5 units: **QTY**

Additional quantities and make on demand product: contact us

Page 9	Miller Revolution Comfort R2		
1014236	R2 Revo Const 2pts Confort Duraflex S/M	STOCK	A
1014237	R2 Revo Const 2pts Confort Duraflex L/XL	STOCK	A

Page 10	Miller H-Design Harness		
1032871	H-Design Duraflex 2pts auto 2Lo size 1	STOCK	A
1032872	H-Design Duraflex 2pts auto 2Lo size 2	STOCK	A
1032873	H-Design Duraflex 2pts auto 2Lo size 3	STOCK	A
1032875	H-Design Duraflex 2pts rapco 2D size 3	STOCK	B
1032876	H-Design Duraflex 2pts auto 2D size 2	STOCK	A
1032877	H-Design Duraflex 2pts auto 2D size 3	STOCK	A

Page 11, 15	Titan Harness		
1011891	Titan 2P harness	STOCK	A
1011890	Titan 1P harness	STOCK	A
1011894	Titan 2P harness w/belt	STOCK	B

Page 12	Miller Revolution Premium R5 & R6		
1014251	R5 Revo Util 3pts Premium Duraflex S/M	STOCK	B
1014252	R5 Revo Util 3pts Premium Duraflex L/XL	STOCK	A

Page 13 - 14	Miller H-Design BodyFit & BodyFix Harness		
1033536	H-D DURAFLEX BODYFIT AUTO 2LO S2	STOCK	B
1033537	H-D DURAFLEX BODYFIT AUTO 2LO S2	STOCK	A
1033538	H-D DURAFLEX BODYFIT AUTO 2LO S3	STOCK	A
1033540	H-D DURAFLEX BODYFIT AUTO 2D S2	STOCK	B
1033541	H-D DURAFLEX BODYFIT AUTO 2D S2	STOCK	A
1033542	H-D DURAFLEX BODYFIT AUTO 2D S3	STOCK	A
1035152	H-D DURAFLEX BODYFIX AUTO 2LO S2	STOCK	B
1035153	H-D DURAFLEX BODYFIX AUTO 2LO S2	STOCK	A
1035154	H-D DURAFLEX BODYFIX AUTO 2LO S3	STOCK	A



The Essentials

Page 18	Turbolite		
1018015	TURBOLITE WEB WSA 2 m C/W 2 TWISTLOCK	STOCK	B
1018013	TURBOLITE WEB WSA 2 m C/W TWISTLOCK+SCAF	STOCK	B
1018014	TURBOLITE WEB WSA 2 m C/W 2 TWISTLOCK	STOCK	B
1017900	TURBOLITE WEB WSA 2 m Twist Alu+Snap Alu	STOCK	B

Page 19-20	Turbolite Edge		
1033464	TURBOLITE EDGE 2 m Web Twistlock+Scaffhook	STOCK	B
1033465	TURBOLITE EDGE 2 m Web w/2 alu Twistlock	STOCK	B
1033466	TURBOLITE EDGE 2 m Web Twistlock+GO60	STOCK	B
1033467	TURBOLITE EDGE 2 m Web no Karabiner	STOCK	C
1035728-E	NEW TURBOLITE EXTREME 2,75 m Cable Snaphook Steel with Swivel	STOCK	B
1035729-E	NEW TURBOLITE EXTREME 2,75 m Cable Scaffhook Steel with Swivel	STOCK	B
1035731-E	NEW TURBOLITE EXTREME 2,75 m Cable Twistlock Alu with Swivel	STOCK	B
1035732-E	NEW TURBOLITE EXTREME 2,75 m Cable Scaffhook Alu with Swivel	STOCK	B
1035733-E	NEW TURBOLITE EXTREME 2,75 m Cable Snaphook Steel with Swivel	STOCK	B
1035734-E	NEW TURBOLITE EXTREME 2,75 m Cable Scaffhook Steel with Swivel	STOCK	B
1035735-E	NEW TURBOLITE EXTREME 2,75 m Cable Twistlock Alu with Swivel	STOCK	B
1035736-E	NEW TURBOLITE EXTREME 2,75 m Cable Scaffhook Alu with Swivel	STOCK	B
1035741-E	NEW TURBOLITE EDGE 2,75 m Web Snaphook Alu with Swivel	STOCK	B
1035743-E	NEW TURBOLITE EDGE 2,75 m Web Scaffhook Alu with Swivel	STOCK	B
1035742-E	NEW TURBOLITE EDGE 2,75 m Web Twistlock Alu with Swivel	STOCK	B
1035745-E	NEW TURBOLITE EDGE 2,75 m Web Snaphook Alu with Swivel	STOCK	B
1035747-E	NEW TURBOLITE EDGE 2,75 m Web Scaffhook Alu with Swivel	STOCK	B
1035746-E	NEW TURBOLITE EDGE 2,75 m Web Twistlock Alu with Swivel	STOCK	B
1035749-E	NEW TURBOLITE EDGE 2,75 m Web Snaphook Alu with Swivel	STOCK	B
1035751-E	NEW TURBOLITE EDGE 2,75 m Web Scaffhook Alu with Swivel	STOCK	B
1035750-E	NEW TURBOLITE EDGE 2,75 m Web Twistlock Alu with Swivel	STOCK	B
1035753-E	NEW TURBOLITE EDGE 2,75 m Web Snaphook Alu with Swivel	STOCK	B
1035755-E	NEW TURBOLITE EDGE 2,75 m Web Scaffhook Alu with Swivel	STOCK	B
1035754-E	NEW TURBOLITE EDGE 2,75 m Web Twistlock Alu with Swivel	STOCK	B

Page 21 - 22	Falcon SRL, Falcon Edge SRL		
1011742	Falcon SRL MP 10 m Galva Fall Indicator	STOCK	A
1011746	Falcon SRL MP 15 m Galva Fall Indicator	STOCK	B
1011750	Falcon SRL MP 20 m Galva Fall Indicator	STOCK	B
1011743	Falcon SRL MP 10 m Stainless Steel Fall Indicator	STOCK	B
1011747	Falcon SRL MP 15 m Stainless Steel Fall Indicator	STOCK	B
1011751	Falcon SRL MP 20 m Stainless Steel Fall Indicator	STOCK	B
1034053	NEW EDGE FALCON SRL ET 9 m G 2.Twist 2.Swivel FI, Qty x 5	STOCK	B
1034054	NEW EDGE FALCON SRL ET 15 m G 2.Twist 2.Swivel FI, Qty x 5	STOCK	B
1034057	NEW EDGE FALCON SRL ET 9 m SS 2.Twist 2.Swivel FI, Qty x 5	STOCK	B
1034058	NEW EDGE FALCON SRL ET 15 m SS 2.Twist 2.Swivel FI, Qty x 5	STOCK	B

The Essentials



Page 25	Miller Edge Tested Kernmantel Lanyards		
1032373	Abs lanyard kern. 1,5 m + 1QT +1GO55 ET	STOCK	B
1032376	Abs lanyard kern. 1,5 m + 1QT +1GO60 ET	STOCK	B
1032379	Abs lanyard kern. 1,5 m + 1QT +1GO65 ET	STOCK	B
1032380	Abs lanyard kern. 2 m + 1QT +1GO65 ET	STOCK	B
1032388	Abs lanyard Y kern. 1,5 m +Q.T +2GO55 ET	STOCK	B
1032390	Abs lanyard Y kern. 1 m +Q.T +2GO60 ET	STOCK	B
1032394	Abs lanyard Y kern. 1,5 m +Q.T +2GO65 ET	STOCK	B

Page 26	Edge Tested Shock Abs Manyard & Shock Abs Manyard		
1017916	2 m EDGE MAN C/W 1 SCAF HOOK +1 CARABINER	STOCK	A
1028520	1,5 m twin Many ET+abs+2SCH+CS20 1/4steel	STOCK	B
1028521	2 m twin Many ET+abs+2SCH+CS20 1/4t steel	STOCK	B
1028522	2 m twin Many ET+abs+2SCH+CS20 1/4t alu	STOCK	A
1028523	1,5 m twin Many ET+abs+2SCH+CS20 1/4t alu	STOCK	B

Page 27	Shock Abs Lanyard		
1013430	TITAN WEB SHOCK ABSORBING LANYARD 2 M	STOCK	B
1013431	TITAN TWIN LEGS WEB SHOCK ABS LANYARD 2M	STOCK	A

Page 28	Kernmantel Lanyard		
1032340	Restraint lanyard kern. 1,5 m + 1QT+1GO55	STOCK	B
1032342	Restraint lanyard kern. 1 m + 1QT +1GO65	STOCK	B
1032351	Restraint lanyard Y kern. 1 m +QT +2GO55	STOCK	B
1032352	Restraint lanyard Y kern. 1,5 m +QT+2GO55	STOCK	B
1032360	Restraint lanyard Y kern. 1 m +QT +2 snap	STOCK	B

Page 29	Work Positioning Lanyards		
1032097	HANDZUP 2M+TWISTLOCK+SNAP HOOK+SLEEVE	STOCK	A
1032098	HANDZUP 3M+TWISTLOCK+SNAP HOOK+SLEEVE	STOCK	A
1032099	HANDZUP 4M+TWISTLOCK+SNAP HOOK+SLEEVE	STOCK	A



The Essentials

Page 31	Anchorage Points		
1008360	PAM060 Sling 0.6 m	STOCK	B
1008361	PAM080 Sling 0.8 m	STOCK	B
1011160			
1012060	WEBBING MOBILE LIFELINE 20 METERS +2 FALL INDICATORS	STOCK	C

Page 32	Confined Space		
1034910	NEW 3POD+MIGHTEVAC 15MG+BRACKET	STOCK	C
1034911	NEW 3POD+MIGHTEVAC 15MG+WINCH 15M+2 BRACKETS	STOCK	C

Page 35 to 51	PSS Kits		
1031430	PSS TITAN ROOFING KIT	STOCK	A
1034075	TITAN MOBILE PLATFORM KIT	STOCK	B
1034070	PSS H-DESIGN ROOFING KIT 2P STRETCH	STOCK	B
1034071	SCAFFOLDING KIT TURB/ H-DESIGN STRETCH	STOCK	B
1031451	TITAN™ Restraint lanyard 2 m	STOCK	

Discontinued Q3/18	Falcon SRL		
1011728	Falcon SRL MP 6,2 m G FI (Replaced by 1032778)	STOCK	B
1011742	Falcon SRL MP 10 m G FI (Replaced by 1032779)	STOCK	A
1011746	Falcon SRL MP 15 m G FI (Replaced by 1032780)	STOCK	A
1011750	Falcon SRL MP 20 m G FI (Replaced by 1032781)	STOCK	C
1011729	Falcon SRL MP 6,2 m SS FI (Replaced by 1032789)	STOCK	C
1011743	Falcon SRL MP 10 m SS FI (Replaced by 1032790)	STOCK	C
1011747	Falcon SRL MP 15 m SS FI (Replaced by 1032791)	STOCK	C
1011751	Falcon SRL MP 20 m SS FI (Replaced by 1032792)	STOCK	C



HONEYWELL MILLER SERVICES

INDUSTRIAL SAFETY PPE TECHNICAL SUPPORT

Honeywell Industrial Safety PPE Technical Support provides personal one-on-one assistance for your Fall protection questions. Staffed with experienced professionals, they are ready to immediately respond to your telephone call with the answers you need to safely operate your business.

OUR TECHNICAL EXPERTISE IS AT YOUR SERVICE FOR ANY QUESTIONS REGARDING:

- Recommendations on products linked to a specific application or sector.
- Any technical request on Honeywell Miller product specification.
- Specific product requests.
- Product certifications & standards.
- Requests on instruction sheets – technical sheets.

INDUSTRIAL SAFETY PPE TECHNICAL SUPPORT

Free Phone: 00 800 3344 2803

(free calls in Europe)

Phone: +44 (0) 1698 647 087 (paid calls)

Email:

IS.PPE.TECHSUPPORT.EUROPE@honeywell.com

HONEYWELL MILLER FALL PROTECTION TRAINING

LEGISLATION REQUIREMENT

Training is an essential part of any safety program. The employer is responsible for ensuring that any person working at height is fully informed regarding the correct use of PPE and systems.

FUNDAMENTAL FALL PREVENTION/ PROTECTION TRAINING

The legislation states that a fall arrest system must be used when working at a height where a fall hazard exists. This system consists of:

- Anchorage point/anchorage connector.
- Body wear – full body harness.
- Intermediate attachment.

TOTAL TRAINING SOLUTIONS

Honeywell Miller Training Programs are considered to be a central part of their global fall protection offer, and provide awareness, knowledge, and the skills necessary to ensure safety on the worksite to suit all areas of industry and the emergency services. Taught by field-experienced, professional instructors, the training sessions include live demonstrations, and hands-on training, while addressing site-specific variables and performance requirements of fall prevention and protection.

In addition, Honeywell Miller Training offers a comprehensive list of height safety courses conducted at a customer's facility or at the Honeywell Miller Innovative Technology & Training Centres:

- Construction: Steel Erectors, Scaffolding and Roofing
- Telecommunications
- Electricity
- Wind Energy: simulator
- Oil & Gas

HONEYWELL MILLER SERVICE CENTRES:

- inspection
- repair
- maintenance

Honeywell Miller offers to the users of its products a service to inspect, repair and maintain devices locally, quickly. Honeywell Miller service points are trained then certified by technicians, store necessary spare parts for a repair and maintenance of equipment according to maintenance guide.

Contact your closest centre for an answer adapted to your request.



- Rope Access
- Confined Space
- Cleaning
- Ski Lifts
- Maintenance
- Rescue and Evacuation

For further information on our range of Industrial Fall Protection training courses, please contact your local Honeywell Sales office or Fall Protection Representative to customise your personalised training courses.



Handwriting practice area with 20 horizontal dotted lines.



Handwriting practice area with 20 horizontal dotted lines.

HONEYWELL INDUSTRIAL SAFETY CONTACT

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**THE
FUTURE
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WE
MAKE IT**

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