

NORGUARD PRODUCT CATALOG 2013

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Norguard



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INTRODUCTION








Welcome to the newest catalog from Norguard Industries. With over 20 years of manufacturing fall protection under our belt, we are proud to say that this is the most excited we have ever been with a new catalog. We have added numerous products and expanded many offerings that have elevated Norguard to a top tier manufacturer in the Canadian and worldwide market. In addition to products, we have also grown our abilities in key service areas such as our Engineered Services Group and Training.

We believe that working at heights with fall protection should be easy and we have laid out our catalog in a way that presents simple solutions to your everyday hazards. Also, we believe that education is paramount in our safety industry and have included technical information with many of our product categories to help provide basic, but essential, information on regulatory standards. On behalf of all those that work hard at Norguard day in and day out, thank you for taking the time to view our catalog. We thank you for your business and look forward to being your 1st choice for fall protection and safety products.

Bradley Dillon
General Manager

Occupational Protective Equipment (OPE)

These symbols help to quickly identify the intended use for each Occupational Protective Equipment (OPE) item and its function:

- | | | |
|----------------|--|-------------|
| CLASS A |  | Arrest |
| CLASS P |  | Positioning |
| CLASS E |  | Evacuation |
| CLASS L |  | Ladder |
| CLASS D |  | Descent |

Self-Retraction Types:

- Type 1** 1.5 – 3.0 meters (5 – 10 feet)
- Type 2** Greater than 3 meters (10 feet)
- Type 3** Retrieval

Please note:

All weights are in pounds.

Technology Center for Fall Protection



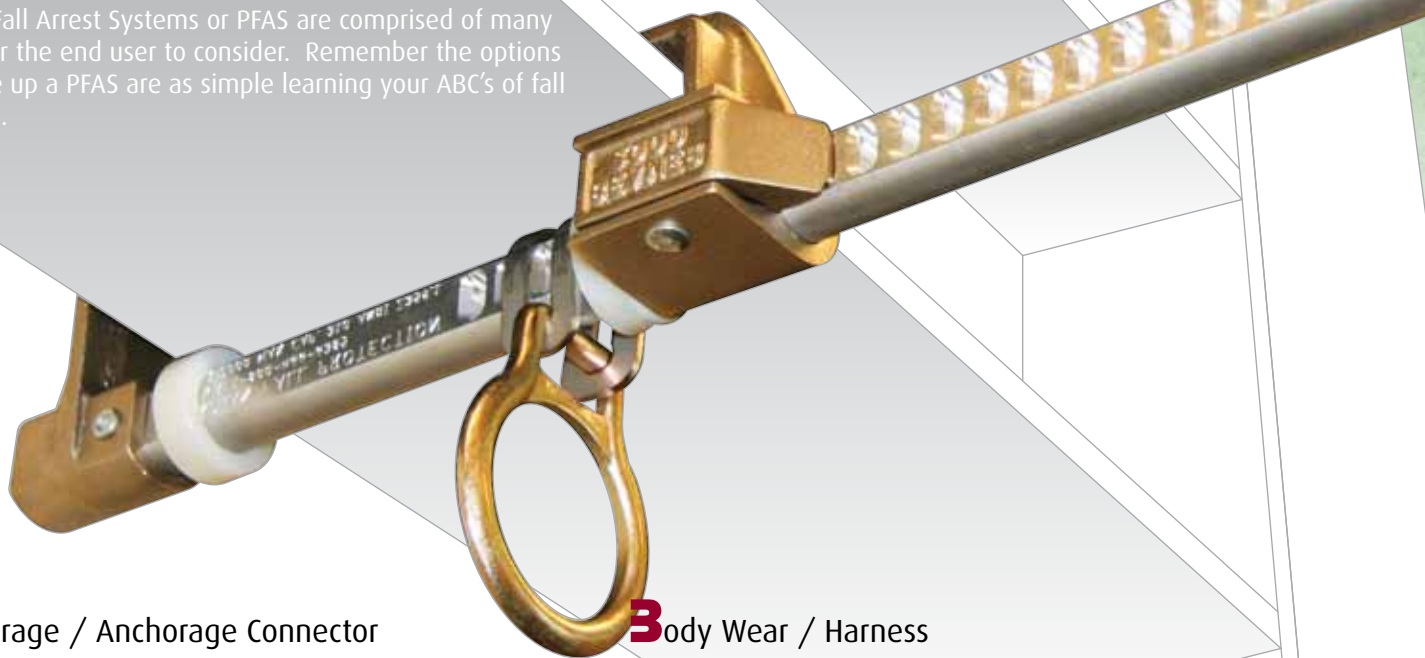
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ABC'S OF FALL PROTECTION

Personal Fall Arrest Systems or PFAS are comprised of many options for the end user to consider. Remember the options that make up a PFAS are as simple learning your ABC's of fall protection.



Ancorage / Anchorage Connector

Anchorage is a secure point to make an attachment. Often referred to as an anchor point or tie-off point, it must be able to support a 22.2 kN (5,000 pound) load in any direction that a fall might occur. The new CSA Z259.15-12 standard sets forth extensive requirements for anchorage connectors. In this new standard, anchorage connectors are classified as Class A, Class AD or Class AT. These classifications have very simple meanings:

- CLASS A** An anchorage connector designed to arrest a fall
- CLASS AD** An anchorage connector designed to arrest a fall and to allow elastic or inelastic deformation when arresting a fall
- CLASS AT** An anchorage connector designed to support a suspended component / tie-back line or fall arrest system

Most anchorage connectors included in our offerings fall under Class A or Class AD. As the new standard stresses, it is extremely important to verify that the selected anchorage connector is suitable for its intended purpose and ensuring that the associated structure is adequate to support anchorage design loads. In situ testing of anchorages is recommended to ensure that requirements are met, this service can be provided by our Engineered Services Group and consists of proof loading A or AT anchors to a force of 2,500 pounds and Class AD anchors to a force of 450 pounds.

Body Wear / Harness

Most workers are familiar with harnesses, yet much is neglected when considering the right type to use. Full body harnesses vary greatly and utilizing the proper harness to safely perform your work is very important. In addition, injuries sustained in a fall can be greater if a harness is not properly sized, adjusted and fitted to the worker. Norguard has a wide range of harness offerings that comply with the CSA Z259.10-12 standard. Selecting the correct harness starts with determining what classification is required for the end user. Reference the pictorial guide throughout our catalog to locate the following types and remember that harnesses can fall under multiple classifications:

- CLASS A** Fall Arrest
- CLASS D** Suspension And Controlled Descent
- CLASS E** Limited Access
- CLASS L** Ladder Climbing
- CLASS P** Work Positioning

Properly sizing full body harnesses is a critical step to ensuring safe use, Norguard offers custom made sizes for most all harnesses so if a standard size doesn't fit properly than let us custom fit a harness just for you.

Connecting Device / Lanyard / Retractable

A connecting device connects the harness of the worker to the anchorage point. Utilizing the proper connecting device is important as they differ in arresting distances. If your fall distance to the lower level is significant and a rescue plan is in place, then a shock absorbing lanyard might be a good option. If your fall distance to a lower level or nearest obstruction is minimal then a retractable or restraint solution might be a better choice. Discuss your situation with your company's competent person.

Norguard offers several types of lanyards that comply with CSA Z259.11-05 (Reaffirmed 2010). When selecting energy absorbers, it is important to remember which class is required for the intended application:

- CLASS E4** Standard 4.0 kN (900 lbs.) energy absorber designed for a worker weight including tools of between 45 to 115 kg (100 – 254 lbs.)
- CLASS E6** Heavyweight 6.0 kN (1,350 lbs.) energy absorber designed for a worker weight including tools of between 90 to 175 kg (200 – 386 lbs.)

When selecting lanyards, remember the following classifications set forth by CSA and keep in mind that a lanyard can fall under multiple classifications:

- CLASS A** Rope Lanyard
- CLASS B** Web Lanyard
- CLASS C** Wire Rope Lanyard
- CLASS D** Positioning Lanyard
- CLASS E** Chain Positioning Lanyard
- CLASS F** Adjustable Positioning Lanyard

CYCLONE SERIES HARNESSES

			Cyclone HUV		HUV w/ Side D-rings		Cyclone Construction Harness		
Size	Chest	Legs	Part#	Weight	Part#	Weight	Part#	Waist	Weight
S	Pass-Thru	Tongue Buckle	21052CSA	8.00			21064CSA	Tongue Buckle	9.50
M - L	Pass-Thru	Tongue Buckle	21053CSA	8.50	21077CSA	9.00	21065CSA	Tongue Buckle	10.00
XL	Pass-Thru	Tongue Buckle	21054CSA	9.00	21078CSA	9.50	21066CSA	Tongue Buckle	10.50
2XL	Pass-Thru	Tongue Buckle	21055CSA	9.50			21067CSA	Tongue Buckle	11.00
S	Quick-Connect	Quick-Connect	21045CSA	8.00			21033CSA	Tongue Buckle	9.50
M - L	Quick-Connect	Quick-Connect	21046CSA	8.50	21081CSA	9.00	21034CSA	Tongue Buckle	10.00
XL	Quick-Connect	Quick-Connect	21047CSA	9.00			21035CSA	Tongue Buckle	10.50
2XL	Quick-Connect	Quick-Connect	21048CSA	9.50			21036CSA	Tongue Buckle	11.00
S	Quick-Connect	Tongue Buckle	21041CSA	8.00			21029CSA	Tongue Buckle	9.50
M - L	Quick-Connect	Tongue Buckle	21042CSA	8.50			21030CSA	Tongue Buckle	10.00
XL	Quick-Connect	Tongue Buckle	21043CSA	9.00			21031CSA	Tongue Buckle	10.50
2XL	Quick-Connect	Tongue Buckle	21044CSA	9.50			21032CSA	Tongue Buckle	11.00
			Cyclone Tower Harness						
Size	Chest	Legs	Waist	Weight	Part#				
S - L	Quick-Connect	Quick-Connect	Combination	11.00	21082CSA				
XL	Quick-Connect	Quick-Connect	Combination	12.00	21083CSA				



Cyclone HUV

Cyclone Construction

Cyclone Tower

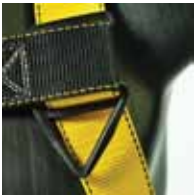
- An ideal combination for fall arrest, work positioning, rescue and rope access applications
- Unique X-back leaves the harness straps tangle free
- Personalization without jeopardizing the integrity of the webbing
- Finished web ends for a clean and professional look
- Fully adjustable shoulder, chest strap and leg straps
- Shoulder and leg straps have combination buckles for easy adjustment
- Web keepers on shoulder straps for easy placement of free lanyards

- Specially cushioned mesh net has been used for better shock absorption and comfort of the user
- Ideally positioned sub-pelvic strap for extended comfort
- Ultra-Flow padding helps to keep sweat away from the body
- Double grommeted tool belt is removable and has extra space for tool bags
- Optional affordable and durable tool bags
- Velcro waist belt for added support and custom fit
- D-rings are bent and powder coated black
- Multiple buckle configurations are available



VELOCITY SERIES HARNESSES

Size	Chest	Legs	Velocity HUV		Velocity w/ 3 D-rings	
			Part#	Weight	Part#	Weight
S - L	Pass-Thru	Pass-Thru	01700CSA	2.75	01702CSA	3.00
XL - 2XL	Pass-Thru	Pass-Thru	01701CSA	3.00	N/A	N/A
S - L	Pass-Thru	Tongue Buckle	01703CSA	2.75	01705CSA	3.00
XL - 2XL	Pass-Thru	Tongue Buckle	01704CSA	3.00	01706CSA	3.50



1 Break-Away Lanyard Keepers

Lanyard keepers reduce the risk of dragging and snagging lanyards. The keeper is on the chest to make the lanyard end more accessible.



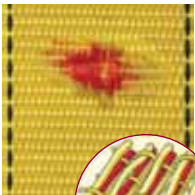
2 Finished Webbing Ends

Keeps the webbing ends from fraying or getting damaged as well as providing a clean and professional look.



3 Identification

Now your employees can personalize their harnesses without jeopardizing the integrity of the webbing.



4 Webbing Wear Indicator

Unique red webbing core provides a visual warning to the user that the webbing has been damaged and should be taken out of service.



Your employees and customers will appreciate this higher quality economy harness for an incredible value. While other manufacturers look to cut costs by cheapening up their lower end products, Norguard proves that we will not sacrifice quality or the protection of your employees to save a few nickels and dimes.

The new Velocity harness by Norguard brings the best economy harness to the market. Our engineers revamped the tired old basic harness into a higher quality product that your employees and customers will enjoy.

EDGE SERIES HARNESSSES

		Basic HUV Harness		Construction Harness		
Chest	Legs	Core#	Weight	Waist	Core#	Weight
Pass-Thru	Pass-Thru	18106#	8.00			
Pass-Thru	Tongue Buckle	18116#	9.00	Tongue Buckle	19306#	9.50
Pass-Thru	Quick-Connect	18126#	9.00			
Quick-Connect	Quick-Connect	18136#	7.00	Quick-Connect	19336#	7.50
Quick-Connect	Tongue Buckle	18146#	7.00	Tongue Buckle	19316#	7.50
Quick-Connect	Quick-Connect			Tongue Buckle	19326#	7.50

STEP 1

Pick a harness and a buckle style from the chart above and use it as your core # for your total price estimate (*Example: Edge HUV with Pass-Thru Chest & Legs = **18146#***)

STEP 2

Pick a size from the size chart and add one digit # to the end of the core # to complete your part # (*Example: Edge HUV with Pass-Thru Chest & Legs + Size M - XL (**1CSA**) = 18146**1CSA***)

Size	Digit#
S	0CSA
M - XL	1CSA
2XL	2CSA

Basic HUV Premium Edge Harnesses

- Award winning design
- Five points of adjustment
- Edge Comfort Pocket for Steele® Cool Packs or Hydrapak® Impact Indicator
- Adjustable dorsal D-ring
- Reflective trim
- Side stretch points
- Chest equipment slots
- "Quick-Adjust" friction torso buckles
- Web keepers
- Sub-pelvic strap
- Back pad
- Yellow vest + black webbing

Construction Premium Edge Harnesses

Contains the same features as Basic HUV, plus:

- Closed cell foam padded waist belt
- Side positioning D-rings
- Optional back brace

CLASS A



CLASS P



Edge HUV



Edge Construction



NOTE:

Other color combinations are available upon request.



EDGE SERIES HARNESSES

Size	Part#	Weight	Part#	Weight
	Seraph HUV Harness		Seraph HUV w/ Side D-rings	
M - L	11160	3.10	11161	3.30
XL - 2XL	11162	3.70	11163	3.90
	Seraph HUV with TB Legs		HUV with TB Legs & Side D-rings	
M - L	11164	3.50	11165	3.70
XL - 2XL	11166	4.10	11167	4.30
	Seraph Construction		Construction with Side D-rings	
M - L	11170	4.80	11173	5.00
XL - 2XL	11172	5.40	11171	5.60

CLASS A



CLASS P



CLASS E



CLASS L



Seraph Universal Harness

- Five points of adjustment
- Adjustable dorsal D-ring
- Impact indicator & inspection log tag
- Snap-on back pad
- Stretch ability in the shoulders & back
- "Quick-Adjust" friction torso buckles
- Lanyard keepers
- Web keepers
- Optional front & side positioning D-rings

Seraph Construction Harness

- Six points of adjustment
- Adjustable dorsal D-ring
- Impact indicator & inspection log tag
- Snap-on back pad
- Stretch ability in the shoulders & back
- "Quick-Adjust" friction torso buckles
- Web keepers
- Optional front & side positioning D-rings
- Padded waist belt
- Hammer loops
- Tongue buckle leg straps
- Cradle seat



FULL BODY HARNESSSES



[1] NPH-28-GPG Go PRO Girl Fall Arrest

- 1¾" polyester reflective webbing
- Supremely lightweight and durable
- Incorporates Kwik-Loc buckles for easy donning
- Dorsal D-ring certified for Fall Arrest (CSA Class A)
- 5 independent points of adjustment
- Compliant with all CSA, OSHA and ANSI regulations
- Functioning to provide increased protection and comfort especially for women

CLASS A



[2] NPH-28 Fall Arrest Harness

- 1¾" polyester webbing
- 6,000 lbs. minimum breaking strength
- Pass-thru buckle leg straps
- Color coded straps for easy donning
- Back D-ring for Fall Arrest (CSA Class A)
- Universal sizing with 5 points of adjustment
- Fall Arrest Indicator

CLASS A



[3] NPH-28-P-NTL Fall Arrest & Work Positioning Harness

- 1¾" polyester webbing
- 6,000 lbs. minimum breaking strength
- Kwik-Loc leg and chest straps
- Color coded straps for easy donning
- Back D-ring for Fall Arrest (CSA Class A)
- 2 sided D-rings for work positioning (CSA Class P)
- Plastic X-piece no tangle back D-ring
- Universal sizing with 5 points of adjustment
- Fall Arrest Indicator

CLASS A



CLASS P



[4] NPH-29-E Confined Space Harness

- 1¾" polyester webbing
- 6,000 lbs. minimum breaking strength
- Tongue buckle leg straps
- Back D-ring for Fall arrest (CSA Class A)
- Color coded straps for easy donning
- Shoulder D-rings for limited access (CSA Class E)
- Universal sizing with 5 points of adjustment
- Fall Arrest Indicator

CLASS A



CLASS E



[5] NPH-30 Cross-Over Style Harness

- 1¾" polyester webbing
- 6,000 lbs. minimum breaking strength
- Pass-thru buckle leg straps
- Color coded straps for easy donning
- Front D-ring, cross-over for ladder climbing (CSA Class L)
- Back D-ring for Fall arrest (CSA Class A)
- Plastic X No Tangle back D-ring keeper included
- Universal sizing with 5 points of adjustment
- Fall Arrest Indicator
- Available in fluorescent orange High Visibility

CLASS A



CLASS L





FULL BODY HARNESSSES



[6] NPH-31 Cross-Over Style Harness

- 1¾" polyester webbing
- 6,000 lbs. minimum breaking strength
- Tongue buckle leg straps
- Color coded straps for easy donning
- Front D-ring cross-over for ladder climbing (CSA Class L)
- Back D-ring for Fall arrest (CSA Class A)
- Plastic X No Tangle back D-ring keeper included
- Universal sizing with 5 points of adjustment
- Fall Arrest Indicator

CLASS A



CLASS L



KWIK-LOC BUCKLES ARE QUICK AND EASY TO DON!



Harness Accessories

X



NTS-07
Trauma Straps



00-950437 Tri-ring
Lanyard holder



NH-140
D-ring Harness
Extension



Adders

S



EXT



E



P



NTX



DR



NR



Part#	Description
NPH-28	Full Body Fall Arrest Harness w/ Pass-Thru Leg Straps
NPH-29	Full Body Fall Arrest Harness w/ Tongue Leg Straps
NPH-30	Cross-Over Style Polyester Fall Arrester Harness w/ Pass-Thru Buckles
NPH-31	Cross-Over Style Polyester Fall Arrester Harness w/ Tongue Buckles
Adders	To add any of the below options to your harness, add the -suffix to above harness part number. Example Nph-28-E = Vest Style Polyester Fall Arrest Harness + Pass Thru Buckles + (2) Shoulder D-Rings for Confined Space Entry/Exit
S	Add Integrated Clear Pack Energy Absorber
EXT	Add 18" D-ring Extension
E	Add Class E - Shoulder D-Rings/Limited Access
P	Add Class P - Positioning Side D-rings
NTX	Add No Tangle Pvc X Back Piece
X	Add X-Pad Comfort Back Pad
CH	Add Die-Electric Hardware
DR	Add Daytime Reflective
NR	Add Night Time Reflective
NTL	Add NTX And Kwik-Loc Buckles
HV	Add HV - High Visibility Orange/Black

BODY AND MINER'S BELTS

17720 Standard Tool Belt



Standard Polyester Tool Belt

14330-1 Operator's/Cutter's Belt



Operator's Polyester Belt, 1 Lamp Strap

11772 2 D-Ring Side Mounted Travel restraint



Industrial Positioning Polyester Belt

14330-2 Operator's/Cutter's



Operator's Polyester Belt, 1 Lamp Strap, 1 Rescue Strap

11881 Front Mounted Travel restraint



Industrial Positioning Polyester Belt

N14331-0 Belt with Comfort Back Pad, Travel restraint



Polyester Belt, Back Mounted D-ring

N14331-2 Miner's Belt with 1 Lamp Strap & 1 Rescue Strap



Miner's Polyester Industrial Belt, 1 D-ring, Rescue Strap & Comfort Pad

P14331-1 Rhino Miner's Belt with Lamp Strap



Miner's Grey RHINO Polyester Belt, 1 D-ring & 1 Lamp Strap

N13-204637-Size Brown PVC Toolbelt



Heavy duty brown PVC construction 1 Lamp Strap, 1 Rescue Strap

N1433 Norguard Back Pad (S - XL)



The Original Leather Comfort Back Support Pad for Belts

Add dash "R" to the belt or back pad part number to include reflective strips sewn on

Add "N" to the front of any Norguard Industrial belt part number to include a back pad with the belt



CAUTION:

Active fall protection includes components and systems that must be connected or otherwise activated by employees: personal fall arrest system, personal travel restraint system and work positioning.

BODY AND MINER'S BELTS

B14331-1 BioSeal® Rhino Miner's Belt



- Polyurethane coated webbing
- Good resistance to all sorts of chemicals
- Products are easily cleaned
- Highly resistant to cuts
- Good abrasion resistance
- Excellent resistance to mildew and aging
- Excellent dielectric properties
- Excellent resistance to welding splatter

NORGUARD BIOSEAL® LINE OF RHINO® MINER'S BELTS ARE THE #1 CHOICE WHEN WORKING IN DIRTY, WET OR HARSH CHEMICAL ENVIRONMENTS



BioSeal® harnesses and lanyards are also available

Belt Accessories

NWA-720

Leather Wrench Holder



DRH-720

D-ring Holder



RL-290

Replacement Lamp Strap
for Body Belt



NSB-3160CR

Support Suspenders
add to any belt



Example: **NP14331-2-R** Size XL

Prefix 1	Prefix 2	Core PN	Suffix 1	Dash#	Dash Letter
N Back Pad	P Grey (Rhino) Webbing	1433	0 No D-Ring	-1 1 Lamp Strap	-R Reflective Strips
	None Standard Black Webbing		1 1 D-Ring	-2 1 Lamp Strap & 1 Rescue Strap	
	B BioSeal®		2 2 D-Ring		

Belt Sizes*

SMALL	MEDIUM	LARGE	X-LARGE
28" - 36"	36" - 44"	44" - 52"	52" - 60"



⚠ WARNING:

Industrial belts are to be used for travel restraint applications **ONLY**

*Special sizes available



LANYARDS

Web Lanyards

NL01PW01-6-GPG

Go PRO Girl Web Lanyard – Single Leg



- 9,800 lbs. MBS polyester webbing
- 3/4" double locking snap hooks
- 6' total length

NL01PW01-6

Web Lanyard – Single Leg

NL01PW01-6Y

Web Lanyard – Double Leg



- 9,800 lbs. MBS polyester webbing
- 3/4" double locking snap hooks
- 6' total length

NL01PW01-6A

Adjustable Web Lanyard – Single Leg



- 9,800 lbs. MBS polyester webbing
- 3/4" double locking snap hooks
- Adjustable up to 6 feet

NL01PW01-4S

Web Lanyard with Integrated Clear Pack Energy Absorber



- 9,800 lbs. MBS polyester webbing
- 3/4" double locking snap hooks
- 4' total length

NL01PW314-4S

Web Lanyard with Integrated Clear Pack Energy Absorber



- 9,800 lbs. MBS polyester webbing
- 3/4" double locking snap hook & 2" gate opening rebar hook
- 4' total length

NL01PW314-4YS

Web Lanyard with Integrated Clear Pack Energy Absorber



- 9,800 lbs. MBS polyester webbing
- 3/4" double locking snap hook & 2" gate opening rebar hooks
- 2 x 4' legs for 100% tie off

Cable Lanyards

NL00SC01-6

PVC Coated Cable Lanyard

- 1/4" diameter, 7 x 19 stainless steel
- Thimble eye & 3/4" snap hook
- PVC coated to 5/16"
- 6' total length



NL01GC01-4

PVC Coated Cable Lanyard

- 1/4" diameter, 7 x 19 galvanized
- 3/4" double locking snap hooks
- PVC coated to 5/16"
- 4' total length



NL01GC01-4S

PVC Coated Cable Lanyard with Integrated Energy Absorber

- 1/4" diameter, 7 x 19 galvanized
- 3/4" double locking snap hooks
- PVC coated to 5/16"
- 4' total length



NL01GC01-4YS – Double Leg

PVC Coated Cable Lanyard with Integrated Energy Absorber

- 1/4" diameter, 7 x 19 galvanized
- 3/4" double locking snap hooks
- PVC coated to 5/16"
- 4' total length



CAUTION:

Follow manufacturer's instructions that are supplied with all products.



LANYARDS AND ENERGY ABSORBERS

Rebar Lanyards

NRA-01-03-CS

Chain Rebar Assembly

- 22" chain
- (2) 3/4" double locking snap hooks & (1) 2.2" swivel rebar hook
- Certified to CSA Z259.11-05



NRA-01-03-W

Web Rebar Assembly

- 22" polyester webbing
- 9,800 lbs. MBS polyester webbing
- (2) 3/4" double locking snap hooks & (1) 2.2" rebar hook
- Certified to CSA Z259.11-05



Rope Lanyards

NL01NR01-6

Nylon Rope Lanyard

- Constructed of 3 strand 5/8" diameter nylon rope
- 3/4" double locking snap hooks
- 6' total length



NRA01PW01-6TS

Tie Back Lanyard

- 3,600 lbs. gate strength for tieback applications
- Includes adjustable tieback D-ring
- Integrated energy absorber



Energy Absorbers

NSA01PW07

- Designed for ease of inspection
- Extra clear protective coating on shock pack
- Certified to CSA Z259.11-05



NSA01PW01-6

- 1 3/4" polyester energy absorbing webbing
- 3/4" double locking snap hooks
- 6' total length



Lanyard Components

01

Double Locking Snap Hook (3/4" max gate opening)



03

Double Locking Rebar Hook (2.2" max gate opening)



04

Swivel Double Locking Snap Hook (3/4" max gate opening)



SH-108

Large Carabiner with Twist Lock (2 1/8" max gate opening)



S

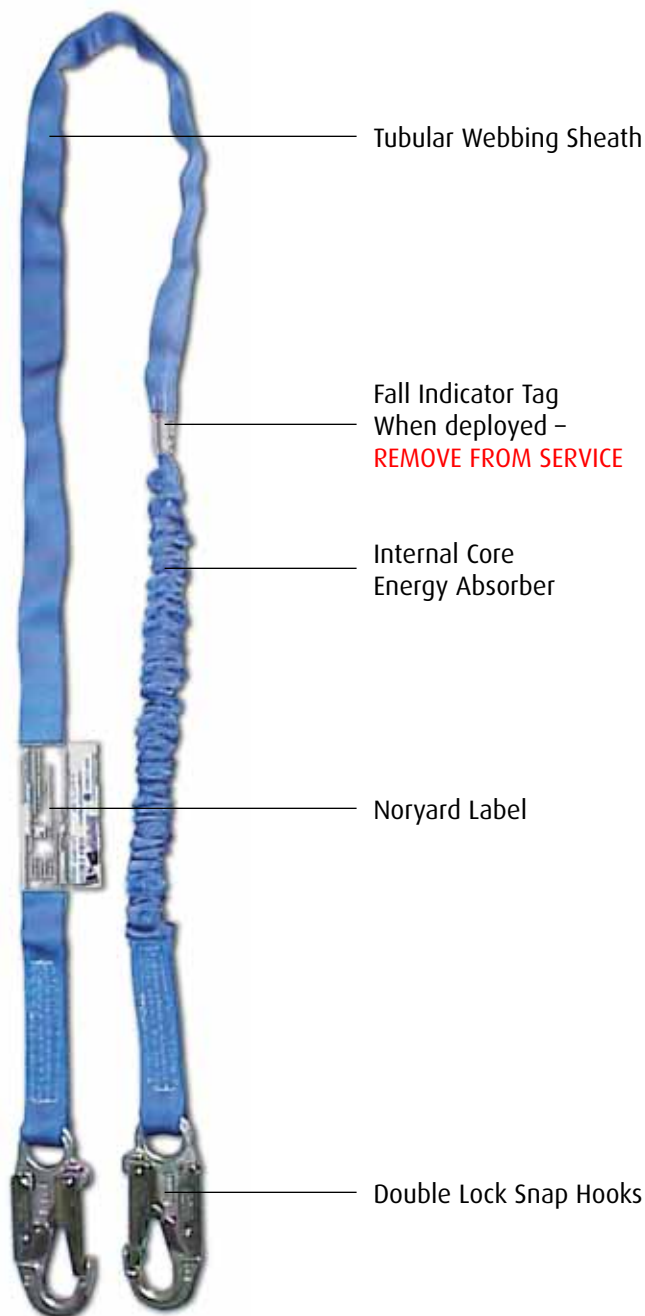
Integrated Energy Absorber



NORYARD ENERGY ABSORBING LANYARDS

NOR-01-01-6

Single Leg Noryard



NOR-01-01-6Y

Double Leg Noryard

- All NORYARD lanyards are certified to CSAZ259.11-05
- Meets ANSI Z359.1 requirements



Snap Hook Options



- [1] Forged Aluminum Snap Hook
- [2] Stamped Steel Snap Hook
- [3] Swivel Indicating Snap Hook

Our connector and snap hook options vary. These provide you with versatility to get your job done safely. Remember the 3,600 lbs. gate rule that ANSI Z359 requires when choosing your connector.



All hooks are High Strength with a 3,600 lbs. side load on the gate.



ALL NORGUARD NORYARD LANYARDS ARE CERTIFIED TO CSA Z259.11-05 AND MEET ANSI Z359.1 REQUIREMENTS



REMEMBER:

Connecting assemblies shall have a minimum tensile strength of 5,000 lbs. (22kN)



HEAVY DUTY SELF-RETRACTING LIFELINES

Norguard HD Edge SRLs have been tested and certified for the following applications:

Personal Fall Arrest: HD Edge SRLs may be used in Fall Arrest applications to support a **maximum** 1 Personal Fall Arrest System (PFAS). Structure must withstand loads applied in the directions permitted by the system of at least 5,000 lbs. (22.2 kN). Certified for use in Leading Edge (LE) applications. Maximum free fall is 2' (61 cm). Applicable D-ring: Dorsal.

Restraint: HD Edge SRLs may be used in Restraint applications to support a **maximum** 1 worker. Restraint systems prevent workers from reaching the leading edge of a fall hazard. Always account for fully deployed length of SRL. Structure must withstand loads applied in the directions permitted by the system of at least 1,000 lbs. (4.5 kN). No free fall is permitted. Restraint systems may only be used on surfaces with slopes up to 4/12 (vertical/horizontal). Applicable D-rings: Dorsal, Chest, Side, Shoulder.

Compliant with all applicable CSA Z259.2.2-98, OSHA 1926 Subpart M, OSHA 1910, ANSI Z359.1-07, and ANSI A10.32-12 regulations.

Type 2 SRL

A I . Sharp Angle Hazard

It is not uncommon for steel or fiber lifelines, or webbing in SRDs, to pass over sharp or abrupt edges during use. A fall that transmits a portion of the impact load to this edge could cause the lifeline or webbing to fail at a much lower breaking strength than anticipated. It is important to warn potential users of this hazard.



Heavy Duty Self-Retracting Lifelines					Description
20'	25'	30'	50'	65'	
10908CSA					1" Dynema Webbing w/ Carabiner, Swivel Top & Boot Cover
10911CSA	10913CSA	10916CSA			3/16" Galv. Cable w/ Swivel Top, Swivel Snap Hook & Boot Cover
10921CSA	10923CSA	10926CSA			3/16" Galvanized Cable w/ Swivel Top, Snap Hook & Boot Cover
10931CSA	10933CSA	10936CSA			3/16" SS Cable w/ Swivel Top, Swivel Snap Hook & Boot Cover
10920CSA	10922CSA	10925CSA	10927CSA	10928CSA	3/16" Cable w/ HD Shock Pack & Removable Protective Cover

SELF-RETRACTING LIFELINES



[1] 10' Web Self-Retracting Lifelines

- Ergonomic frame makes handling more comfortable
- Durable aluminum housing
- Stainless steel & non-corrosive components
- New Dynema webbing features a Kevlar core
- Quick-action braking system
- Cost effective & priced competitively
- Comes with carabiner & swivel top
- No recertification required: considered a disposable unit
- Type 1

[2] G-Link Dual Retractable System

- Constructed of stainless steel & aluminum
- Designed to integrate two SRL's into a single unit
- Easy retractable replacement
- Lightweight system
- Attaches to dorsal D-ring on harness
- Provides 100% tie-off
- Type 1



[3] & [4] 20'/25'/30' Web & Cable SRL's

- Compact & lightweight design
- Durable aluminum housing
- Stainless steel & non-corrosive components
- Quick-action braking system
- Cost effective & priced competitively
- Comes with carabiner, swivel top & tag line
- Type 2

[5] Aardvark Series SRL's

- Lightweight
- Durable plastic housing
- Swivel top
- Cable grip
- Anti-nuisance lock-up feature
- Type 2



[6] Yellow Jacket Cable SRL's

- Compact & lightweight design
- Durable ABS reinforced housing
- High strength composite cable guide
- Stainless steel & non-corrosive components
- Quick-action braking system
- Cost effective & priced competitively
- Comes with swivel top & carabiner
- Retractable is fully repairable
- Type 1



NOTE:

All Norguard Self-Retracting Lifelines incorporate RFID technology and meet or exceed OSHA, ANSI and CSA standards.



SELF-RETRACTING LIFELINES

6'	10'	20'	25'	30'	Description
	10900CSA				7/8" Dynema Webbing w/ Snap Hook
	10901CSA				7/8" Dynema Webbing w/ Rebar Hook
		10909CSA			1" Dynema Webbing w/ Snap Hook
		10910CSA	10912CSA	10915CSA	3/16" Galvanized Cable w/ Snap Hook
		10910ARCSA	10912ARCSA	10915ARCSA	3/16" Galvanized Cable w/ HS Aluminum Rebar Hook
		10930CSA	10932CSA	10935CSA	3/16" Stainless Steel Cable w/ Snap Hook
10993CSA	10994CSA				G-Link Dual Retractable System w/ Aluminum Snap Hooks
10996CSA	10995CSA				G-Link Dual Retractable System w/ Steel Rebar Hooks
10998CSA	10997CSA				G-Link Dual Retractable System w/ Aluminum Rebar Hook

Aardvark Series Self-Retracting Lifelines

16'	20'	25'	50'	80'	Description
10989CSA	10984CSA	10985CSA	10987CSA	11009CSA	Galvanized Cable SRL w/ Swivel Top, Swivel Snap Hook & Carabiner
Yellow Jacket Cable Self-Retracting Lifelines					

Part#	Size	Description
10946CSA	10'	Heavy Duty Yellow Jacket Cable SRL w/ Shock Pack
10950CSA	10'	Yellow Jacket Cable SRL w/ High Strength Swivel Snap Hook
10952CSA	10'	Yellow Jacket Cable SRL w/ Aluminum Rebar Hook
10956CSA	10'	Yellow Jacket Cable SRL w/ High Strength Non-Indicating Snap Hook
10957CSA	10'	Yellow Jacket Cable SRL w/ High Strength Indicating Snap Hook

REMEMBER:

SRL's must be recertified two years from date of manufacture and annually thereafter.



LOAD ARRESTERS AND SELF-RETRACTING LIFELINES



[1] NELA-XXX Series Load Arresters

- Models available for loads of 440 lbs. to 1,100 lbs. and lengths up to 50 ft.
- Inertia activated brake and energy absorbing system
- Self-retracting steel cable



[2] NELA-XXXB Big Series Load Arresters

- Models available for loads of 660 lbs. up to 8,800 lbs.
- Lengths up to 98 ft.
- Designed for heavy duty applications with many cycles



[3] NN-08W Web Synthetic Housing SRL

The Web Self-Retracting Lifeline is a Type 1 SRL, and has an ultimate breaking strength of 6,300 pounds. Its rubber housing allows for easy inspection without sacrificing durability, while also helping to make this block light weight and super portable.

- Certified to CSA Z259.2.2-98 (R2009)
- Type 1

Part#	Description	Width	Length	Weight	Material
NN-08W	Synthetic Housing – Cable and Web SRLs	1 7/8"	8'	2.50	Polyester webbing
NN-16W	Aluminum Housing SRL (Type 2)	1"	16'	5.50	Kevlar webbing
NN-50CR	Steel Housing SRL with Retrieval Function (Type 3)	3/16", 7 x 19	50'	33.00	Galvanized cable
NN-85CR	Steel Housing SRL with Retrieval Function (Type 3)	3/16", 7 x 19	85'	46.00	Galvanized cable
NELA-XXX	Series Load Arresters		up to 50'		

All Norguard Retrieval SRLs can be mounted to Norguard Tripod or Uni-Anchor. (Refer to "Rescue and Retrieval" for mounting brackets) our customers can benefit from our preventative maintenance system. Each Self-Retracting Lifeline or Horizontal Lifeline system, when purchased or repaired, is recorded in our database and the customer is notified on recertification dates. This ensures due diligence for all parties.



⚠ IMPORTANT:

All load arresters are custom made to suit your application requirements. To obtain a load arrester quotation, please fill in the estimate form found on our web site and fax it to the number specified.

CONSTRUCTION SAFETY NETTING



Part#	Size	Description
70001	48"(h) x 150'(l)	Orange Fire Retardant Debris Polyethylene (PE) Netting – Roll
70002	48"(h) x 150'(l)	Blue Fire Retardant Debris Polyethylene (PE) Netting – Roll
70003	48"(h) x 150'(l)	Black Fire Retardant Debris Polyethylene (PE) Netting – Roll
70004	60"(h) x 150'(l)	Orange Fire Retardant Debris Polyethylene (PE) Netting – Roll
70005	66"(h) x 150'(l)	Orange Fire Retardant Debris Polyethylene (PE) Netting – Roll
70006	102"(h) x 150'(l)	Orange Fire Retardant Debris Polyethylene (PE) Netting – Roll
70007	48"(h) x 150'(l)	Black Fire Retardant 70 Pro-Knit MM Polyethylene (PE) Netting – Roll
70008	66"(h) x 150'(l)	Black Fire Retardant 70 Pro-Knit MM Polyethylene (PE) Netting – Roll
70009	102"(h) x 150'(l)	Black Fire Retardant 70 Pro-Knit MM Polyethylene (PE) Netting – Roll
70010	180"(h) x 150'(l)	Black Fire Retardant 70 Pro-Knit MM Polyethylene (PE) Netting – Roll
70014		Netting Plate
70015		Netting Clip

HITCHCLIP® ROOF ANCHOR SYSTEM

Part#	Color	Description
10560	Black	HitchClip® – 3 Piece Clamshell Pack
10561	Brown	HitchClip® – 3 Piece Clamshell Pack
10562	Gray	HitchClip® – 3 Piece Clamshell Pack
10563	Black	HitchClip® – Case Pack of 12: 3 Piece Clamshell Packs x 4
10654	Brown	HitchClip® – Case Pack of 12: 3 Piece Clamshell Packs x 4
10655	Gray	HitchClip® – Case Pack of 12: 3 Piece Clamshell Packs x 4
10656	Black	HitchClip® – Contractor Pack of 25
10657	Brown	HitchClip® – Contractor Pack of 25
10658	Gray	HitchClip® – Contractor Pack of 25

HitchClip® Roof Anchor System

HitchClip® Roof Anchors

HitchClip® Roof Anchors are lightweight (4.4 ounces), easy to carry (2" x 11½"), low profile and applied as permanent safety anchors for safe and secure future maintenance and repair. HitchClip® Roof Anchors are easily installed with six (6) 16d galvanized framing nails or six (6) 2½" primeguard exterior screws secured to a sufficient framing member from the ladder at the gutter line, then up to the ridge. Additional HitchClip® are used for the Roof Jack and Bunk Jack staging accessories.

Roof Jack

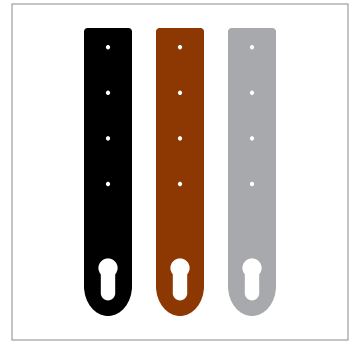
The Roof Jack 'clips' directly on HitchClip® Anchors for easy on-and-off and provides a secure staging platform for tools, materials, even debris. The Roof Jack is fully adjustable from a 6/12 – 12/12 pitch, and two Roof Jacks will accept a 14" plank, (3x the size of other roof jacks on the market).

Bunk Jack

The Bunk Jack is a larger version of the Roof Jack and designed to accommodate 2,000 lbs. Two Bunk Jacks can be used as a rooftop work bench, and can easily support a full bunk of plywood, or stage up to 4,000 lbs. of material where space is limited. The Bunk Jack allows your supplier to boom plywood directly onto the roof, saving you time and increasing your productivity.



FIELD OF APPLICATIONS



NOTE:

Different color options are available upon request.



ANCHOR POINTS



[1] 00101 & 00103 Beamer™ 2000 Anchor Points

- Designed specifically for use at your feet & overhead
- Nylon bushings provide smooth movement along beam & act as an impact indicator in the event of a fall
- Reusable & extremely durable
- Ratcheting end piece
- No tools are needed for fast installation
- Precision machined aluminum bar
- One-handed operation

00101 fits 3½" – 14" flange size, up to 1¼" flange thickness

00103 fits 6" – 16" flange size, up to 1¼" flange thickness

[2] 00104 Beamer™ 3000 Anchor Point

- Dual adjustment
- Easy slide system
- Fixed D-ring centered between adjustment points
- Lighter weight than Beamer™ 2000

[3] 00215 BMR Trolley Anchor

- Free moving rollers
- Web/D-ring connection point
- Easy pin adjustment
- Cannot be used for material handling
- Spring Material: Stainless Steel
- Load Bar & Clamps Material: Aluminum Alloy 7075-T6
- D-ring Material: Steel Alloy SAE4140-Nickel Plating
- Webbing Material: Polyester
- Minimum Breaking Strength: 3,300 lbs. (15 kN)

[4] 14005 Hammer Mobile Fall Arrest System

- Suitable for both fall arrest (1 worker) and fall restraint (up to 3 workers) applications
- Powder-coated steel, zinc and polyurethane components
- Features flat-proof wheels, front and rear brakes, two removable tools boxes and four hoist connection points

CB SERIES ANCHOR POINTS

Standard	Swivel Top	Post	Base	Description	Weight
00645	00651	12"	16" x 16"	CB-12 for Wood, Steel & Concrete	35.00
00656	00652	18"	12" x 12"	CB-18 for Concrete	31.00
00690	00653	24"	12" x 12"	CB-24 for Steel & Concrete	48.00
00657	00654	18"	16" x 16"	CB-18 for Wood & Steel	35.00
10645	10651	12"		CB-12 Weld-On Post	35.00
10656	10652	18"		CB-18 Weld-On Post	31.00
10681			16" x 16"	Backer Plate for CB-12	25.00
10683			12" x 12"	Backer Plate for CB-18	20.00
00680				CB Swivel Top System for CB-12 or CB-18	12.00

CB-12 & CB-18 Anchor Points

- CB-12 is for use on wood, steel or concrete
- CB-18 is for use on concrete, metal or plywood deck
- Durable galvanized finish
- Fasteners provided for wood & steel
- Post extends past roofing substrate to keep attachment point accessible
- Round post works with most off-the-shelf flashing kits
- Custom design & fabrication available
- Available in stainless steel
- Installation details are available upon request

CB Swivel Top System

- Mounts on top of the CB-12 or CB-18
- Easy installation
- Swivels 360° degrees
- Removable & reusable bolt-on application
- Cost effective accessory to the CB
- Great for first-worker-up system
- Does not include CB or retractable

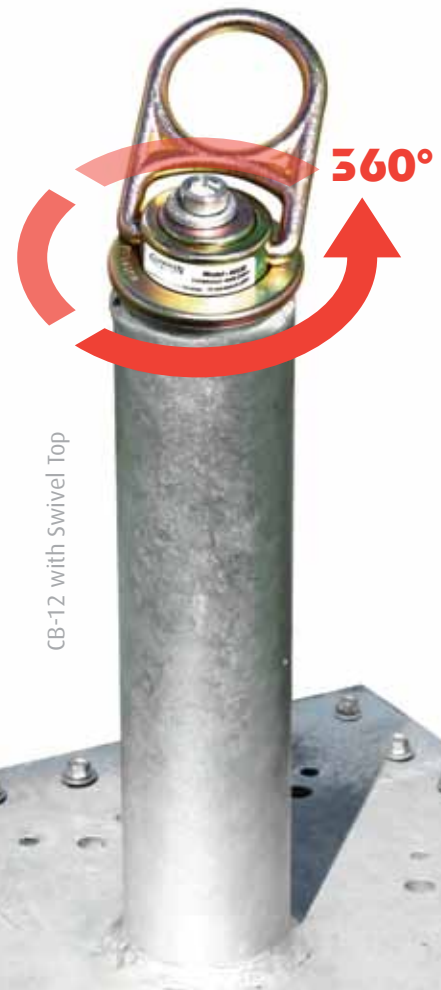
CB-12 Welded to the I-Beam



CB Swivel Top System



CB-12 with Swivel Top



ANCHOR POINTS



[1] 00600 CB-1-B

- Permanent or temporary anchor point
- Can facilitate a horizontal lifeline system
- Powder coated for corrosion protection
- Available in stainless steel
- Available with a backer plate for use on a beam or structure capable of withstanding 5,000 lbs.
- Fasteners not included

[2] D-ring Anchorage Connector

- Use minimum grade 8 quality bolt with locknut washer
- Mounting surface must have minimum tensile of 5m
- 100% proof loaded to 3,600 lbs., 16.0KN
- Minimum tensile strength of 5,000 lbs., 22.3KN

N903 1/2" hole (65 – 75 ft. lbs., 13TPI bolt)

N904 5/8" hole (145 – 155 ft. lbs., 10TPI bolt)

N905 3/4" hole (240 – 250 ft. lbs., 10TPI bolt)

[3] NTRA-011 D-ring Anchor

- Bolt to structure using two 1/2" grade 5 bolts
- 304 stainless steel plate, drop forged, alloy D-ring
- Plate size 1/4" x 2" x 4 1/4"

[4] 00235 & 00236 Concrete Anchorage Connectors

00235 3/4" hole \varnothing , 3" deep minimum, 5,000 lbs. rated for single user fall protection up to 400 lbs.

00236 1" hole \varnothing , 4 1/2" deep minimum, 10,000 lbs. rated for fall protection up to 620 lbs.

[5] NC-030 & NC050 3' & 5' Cable Anchors

- Clear PVC Coated cable for easy inspection
- 5,000 lbs. rated fall arrest anchorage
- Other lengths available upon request

[6] NWA-030 & NWA050

3' & 5' Premium Cross Arm Straps

- 1 3/4" polyester strength member
- 3" wide polyester wear pad
- 5,000 lbs. rated fall arrest anchorage
- Other lengths available upon request

[7] 01640, 01630 & 01620

3', 4' & 6' Cross Arm Straps

- High strength 12,000 lbs. minimum breaking strength
- 2" wide polyester webbing
- 2-ply construction for abrasion resistance and long life
- Choker style with web loop and D-ring ends

[8] 5K MEGA Swivel Anchors

- Rotates 360° degrees
- Flips 180° degrees
- Used for steel flanges or concrete substrate
- Safe working load: 2,000 lbs.
- Ultimate breaking strength: 10,000 lbs.
- Material: drop forged alloy steel
- Weight: 1.50 lbs.

00292 5K MEGA Swivel Anchor for Steel

00293 5K MEGA Swivel Anchor for Concrete



[9] EXT612/EXT816 Extend-A-Pole

- Designed to connect to Tower hook, pole adapter and EZE-HOOK
- Other lengths available upon request

EXT612 extends from 6 to 12 feet long

EXT816 extends from 8 to 16 feet long

[10] NAP-255 Adapter for Extend-A-Pole

- Utilized for rescue
- Release locking carabiner to back of harness D-ring for rescue situation
- Carabiner included with NAP-255-1

[11] 00470 Stainless Steel Reusable Anchor

- For temporary use on wood rooftops
- Fits any roof pitch
- Meets all applicable OSHA, CSA & ANSI standards
- Durable & reusable
- Easy installation
- Fasteners provided

[12] Snappy Disposable Anchors

- Fits any roof pitch
- Easy to install by nailing into the truss
- Just hammer over the attachment point when the job is done & install roofing substrate over destroyed anchor point
- Fasteners provided

00710 carton of 25

00711 carton of 8

[13] Ridge-It Anchors

- For permanent use on wood rooftops
 - Discreet design
 - Stainless steel anchor
 - Easy installation
 - Meets all applicable OSHA, CSA & ANSI standards
- From top to bottom:

00500 Ridge-It 1 D-ring Anchor

00510 Ridge-It 2 D-rings Anchor

00511 Ridge-It SAFU Anchor w/ butyl strips & fasteners

[14] & [15] Temper Reusable Anchors

- Fits up to 12/12 roof pitch
- Can be used between 2 trusses when all holes are filled
- Offset holes down the center to avoid truss splitting
- Can be installed with screws or duplex nails
- Silk screen labels

00455 Temper Reusable Anchor

00458 Temper Reusable Anchor with swivel top

[16] 10600 2-Way Universal Standing Seam Clamp

- Lightweight, reusable, easy to use
- Durable, all steel construction with zinc electroplate finish
- Unique, reversible design allows for seams up to 1" wide
- MR-24, VSR or similar profiles can be covered with one clamp
- Weight: 5 lbs.

FIXED LADDER SYSTEMS

Part#	Size	Description	Weight
04810	100'	Cable Ladder System Kit	58.00
04820	200'	Cable Ladder System Kit	88.00
04830	300'	Cable Ladder System Kit	118.00

Cable Ladder System Kit

- Sealed anchor head with impact attenuator
- Permanently secured forged eye bolt
- Permanently swaged cable sleeves
- Adjustable clamp brackets
- HD steel square tubing supports
- Cable stand-offs (every 25 feet)
- 3/8" galvanized wire rope
- Cable grab is sold separately

Our systems offer the following:

- Tension Indicator
- Intermediate Cable Guides
- Vertical Trolley
- Stainless Steel Grab
- Mounting Brackets
- Hands free climbing
- Shock absorbing
- Custom options are available



There are a variety of vertical lifeline systems to choose from and Norguard is excited to introduce a number of new systems designed to fit many of your needs.

Types of Vertical Lifeline Systems

As a worker moves up and down the entire length of a fixed ladder, there are some important things to consider when deciding what system to utilize.

Is the system needed for permanent or temporary / portable applications? Most often workers need a permanent solution for repeat maintenance tasks.

Our temporary systems are lightweight and cost effective. They can be moved easily from one structure to another. If frequent access is required, then the use of our permanent systems is in order. These systems can include cable or rigid rail.

Also, consider the type of cable grab that would be used. This can be a manual system or automatic trailer. Ideally you would want a hands free system to travel with the worker. Don't forget to utilize a couple of Tool Lanyards for that long climb.

[Need a custom solution? Contact our Engineered Services Group at 614.846.2525.](#)

ENGINEERED LIFELINE SYSTEMS

Part#	Size	Description	Weight
04625	30'	Black Polyester HLL Kit: Tensioner / 2 O-rings / 2 Cross Arm Straps / 2 Carabiners / Ultra Sack Bag	14.00
04628	60'	Black Polyester HLL Kit: Tensioner / 2 O-rings / 2 Cross Arm Straps / 2 Carabiners / Ultra Sack Bag	16.00
04630	100'	Black Polyester HLL Kit: Tensioner / 2 O-rings / 2 Cross Arm Straps / 2 Carabiners / Ultra Sack Bag	19.25
04638	30'	Kernmantle HLL Kit: Tensioner / Shock Pack / 2 O-rings / 2 Cross Arm Straps / 2 Carabiners / Ultra Sack	14.00
04639	60'	Kernmantle HLL Kit: Tensioner / Shock Pack / 2 O-rings / 2 Cross Arm Straps / 2 Carabiners / Ultra Sack	16.00
04640	100'	Kernmantle HLL Kit: Tensioner / Shock Pack / 2 O-rings / 2 Cross Arm Straps / 2 Carabiners / Ultra Sack	19.25
30800	82'	Fiber Rope HLL Kit: Tensioner / 2 Carabiners / Storage Bag	N/A

2-Person Rope Horizontal Lifeline System

The Norguard Fall Protection Kernmantle Rope Horizontal Lifeline System is a temporary, reusable, 2-person system designed for Fall Arrest applications.

Includes:

- [1] (1) Kernmantle Rope
- [2] (1) Ultra-Sack Storage Bag
- [3] (2) Cross Arm Straps
- [4] (2) O-rings
- [5] (2) Self-Closing and Self-Locking Carabiners
- [6] (1) Rope Tensioner
- [7] (1) Galvanized Metal Thimble End
- [8] (1) Shock Pack

The Ultra-Sack is convenient, durable and ideal for transporting equipment around the jobsite. It also offers protection from contaminants. The two cross arm straps function as anchorage connectors that can be reused in multiple applications.



4-Person Rope Horizontal Lifeline System

A simple to install temporary Fiber Rope Horizontal Lifeline System that can span between fixed anchorage points and provide a safe horizontal anchorage for multiple users. The device is simple to install, easily assembled by one person and can safely arrest up to four users.

- Max span of 82 ft. with up to 4 persons
- Simple to install via Rope Vice Tensioner (RVT)
- Easy to take down & install with quick release arm
- 24 mm spanner flats allow additional tension reducing sag
- Pulley will slip to avoid over tensioning
- Lightweight & portable
- Alloy construction powder coated
- Over 10K rope strength

Includes:

- [1] (1) 16 mm low stretch Polyester Double Braided Rope with Wear Indicator
- [2] (1) Storage Bag
- [3] (1) Rope Vice Tensioner
- [4] (2) Carabiners



VERTICAL LIFELINES

Part#	Size	Description	Weight
Co-Polymer Prosteel Rope			
62145-01 -25	25'	5/8" Co-Polymer Prosteel Rope w/ Double Lock Snap Hook end	2.90
62145-01 -50	50'	5/8" Co-Polymer Prosteel Rope w/ Double Lock Snap Hook end	5.00
62145-01 -75	75'	5/8" Co-Polymer Prosteel Rope w/ Double Lock Snap Hook end	7.00
62145-01-100	100'	5/8" Co-Polymer Prosteel Rope w/ Double Lock Snap Hook end	9.00
62145-25	25'	5/8" Co-Polymer Prosteel Rope w/ Steel Thimble end	2.40
62145-50	50'	5/8" Co-Polymer Prosteel Rope w/ Steel Thimble end	4.50
62145-75	75'	5/8" Co-Polymer Prosteel Rope w/ Steel Thimble end	6.50
62145-100	100'	5/8" Co-Polymer Prosteel Rope w/ Steel Thimble end	8.50
-L		Adder per foot	
Nylon Rope			
SJ58-018-50	50'	5/8" Nylon Rope w/ Carabiner NK-018 end	5.00
SJ58-018-100	100'	5/8" Nylon Rope w/ Carabiner NK-018 end	9.00
SJ58-018-XX		Adder per foot	



62145-01-25



62145-25



Custom Rope

Co-Polymer Prosteel Rope

Norguard's Co-Polymer Prosteel Rope is some of the toughest, most durable and most versatile ropes on the market. Available in a variety of lengths and connector configurations, this 5/8" diameter rope is highly resistant to mildew, abrasion, and ultra-violet light, has excellent gripping ability and minimizes elongation when exposed to forces of fall arrest.

- High Strength 3 strand Co-Polymer rope
- Excellent gripping ability
- Will not harden with age
- Less elongation
- Abrasion, mildew & UV resistant
- 5/8" diameter rope

Nylon Rope

Nylon rope is constructed with 3-strand twisted 100% nylon that utilizes plied yarns. Nylon is preferred with many users because it has the highest stretch, strength and shock absorption of any type of synthetic rope. This 5/8" diameter rope has a breaking strength that exceeds 10,000 pounds (44.4 kN).

Nylon rope should be inspected before and after every use for any form of damage. Rope that has been abraded or cut on sharp edges should be examined closely by an experienced user who may choose to cut the rope at that point, rather than risk it parting at that area.



NOTE:

Custom ropes are available upon request.

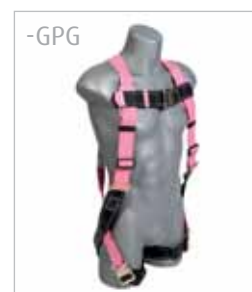
NRK-200S Bucket of Safe-Tie Kit

Includes:

- Fall Arrest Harness (NPH-28)
- Rope Grab with 2' Energy Absorber (NRG-200-S)
- Temper Reusable Roof Anchor with nails (00455)
- 50' Prosteel Rope with Snap Hook (62145-01-50)
- 5 Gallon Storage Bucket



Part#	Size	Description	Weight
NRK-200S-25	25'	AD type with Energy Absorber	13.20
NRK-200S-50	50'	AD type with Energy Absorber	15.30
NRK-200S-75	75'	AD type with Energy Absorber	17.40
NRK-200S-100	100'	AD type with Energy Absorber	19.50
NRK-25-ADP	25'	ADP type with Energy Absorber	13.20
NRK-50-ADP	50'	ADP type with Energy Absorber	15.30
NRK-75-ADP	75'	ADP type with Energy Absorber	17.40
NRK-100-ADP	100'	ADP type with Energy Absorber	19.50
Adders			
LENGTH-XX		62145 Vertical Lifeline rope	
03		Replace 01 with 03 Rebar Hook	1.74
04		Replace 01 with 04 Snap Hook	1.20
NPH-29		Replace with NPH-29 Harness	
-GPG		Replace with Go PRO Girl Harness	
PRIVATE LABELS		All products private labeled	

**NOTE:**

Other sizes of rope and different types of roof anchors and harnesses are available upon request. Call for pricing.



RESCUE AND RETRIEVAL SYSTEMS



[1] Arc-O-Pod Rescue & Retrieval

The Arc-O-Pod is a high quality tripod that incorporates a variety of upgraded features over other brands at an affordable price. The Arc-O-Pod comes with a stability chain and carrying case. All of our confined space systems are stocked in regional warehouses for reduced shipping costs.

- Adjustable locking legs
- Complete with safety chain
- Heat treated cast aluminum head
- Additional mechanical devices can be mounted to tripod with optional bracket/pulleys. Rated working load is 350 lb. for work support and 310 lbs. for fall arrest and can withstand up to 5,000 lbs. of vertical pull
- Meets or exceeds ANSI Z359.1, ANSI A10.14 and OSHA strength requirements for anchorages (5,000 lbs.)

20001 Arc-O-Pod Rescue & Retrieval System Kit: 64" tripod, 50' 3-Way SRL & Ultra Sack bag

20004 Arc-O-Pod Rescue & Retrieval System Kit: 64" tripod, 65' 3-Way SRL & Ultra Sack bag

15050 Arc-O-Pod Rescue & Retrieval System Kit: 64" tripod, winch, winch adaptor & Ultra Sack bag

15030 Arc-O-Pod Rescue & Retrieval System: 64" tripod, pulley, bracket, chains & Ultra Sack bag

[2] NSR-300-F & NSR-600-F Fixed Pulley Systems

- Rope meets ULCS555 & NFPA 1983 light use
- Petzl Ascender with attached 4 ft. lanyard
- Fixed pulleys preconfigured in a 3:1 lifting advantage
- (3) Triple locking carabiners
- Cordura nylon carrying bag
- Rope end – double figure of 8 and termination

NSR-300-F 200 ft. of 3/8" nylon kernmantle rope rated for one person (310 lbs.)

NSR-600-F a larger Swiss Roll head rated for 2 persons, 200 ft. 1/2" nylon kernmantle rope rated for two persons (310 lbs. each)

[3] NSR-300-R & NSR-600-R Removable Pulley Systems

- Removable pulleys are more versatile and allow system to be configured by trained personnel in many different lifting applications
- Includes one extra carabiner

B50 RESCUCENDER

- Rope Clamp for high angle rescue applications
- For use on single rope from 9 to 13 mm in diameter

RESCUE AND RETRIEVAL SYSTEMS

[4]



[5]



[6]



[4] SRA-141 Sliding Rail Anchor with Carabiner

- Professionally engineered and patented
- The Norguard SRA is a mobile type anchor designed specially for Railroad Bridge Personnel Fall Protection
- This lightweight one piece hinged type SRA is constructed of stainless steel for long life and durability
- Working load 310 lbs., for use on 85 lbs. to 141 lbs. rail, designed to be utilized for Travel Restriction or Fall Arrest
- The SRA meets Canada Labor Code legislated guidelines section 12.10(1), 12.10(2), FRA title 49, part 214.105(8), 214.105(9)
- Patent# 6591 940B2

[5] NSB-134 Spreader Bar

- Excellent for rescue and retrieval from confined spaces
- Two self-locking snap hooks connect to shoulder D-rings of worker's harness
- Internal fiber glass bar maintains shoulder width spacing of snap hooks
- Large D-ring lifting eye
- All hardware is CSA certified to Z259.12

[6] NW-034 Wristlets

- Excellent for rescue and retrieval of workers who are not wearing a harness
- Two equal length webbing choker hitches can be used to attach to worker's wrists or ankles for vertical or horizontal rescue and retrieval
- Large CSA Z529.12 certified D-ring lifting eye

CAUTION:

After any escape use, return device to manufacturer or an authorized dealer for recertification. Annual recertification is mandatory!



RESCUE AND RETRIEVAL SYSTEMS

UNI-0991 Norguard Uni-Anchor System

- Professionally engineered
- 600 lbs. rated capacity (2 man rescue or 1 man fall arrest)
- Available in steel or stainless steel
- 360 degree rotation
- Ground clearance 84"
- Mast (arm) reach 25"
- Two piece system (post & arm)
- Uni-Anchor weight (post 30 lbs., arm 37 lbs.)
- Multiple bases available
- Can be used for rescue or work positioning applications
- Lightweight, quick and easy to install without any tools

Rescue Application



Work Positioning Application



[1] NBP-080 Uni-Anchor Base Plate

- Bolt or weld to structural steel capable of resisting 5,000 lbs. load or bolt to concrete using Hilti Bolts
- Refer to installation instructions for more details

[2] NBP-090 Rail Tie Base Plate

- Available for rail ties
- 8", 10" or 12" base is secured to rail tie using two Norguard load ratchet straps – PN 802-12
- Lightweight, quick and easy to install without any tools



NKM-0911 Norguard Kwik Mount Rail Base

- Professionally engineered
- Adjustable anchor system which allows for quick installation on to railroads.
- Provides a solid base for the Norguard Uni-Anchor System
- Quick and easy installation

FALL ARRESTERS AND VERTICAL LIFELINES

[1]



[2]



[1] 1204-3 Boatswain's Chair

- Solid 1' x 2' x 1" laminated plywood chair
- Universal size heavy duty polyester safety belt
- Stable 4 point polyester suspension system with large D-ring lifting eye
- All hardware is CSA certified to Z259.12

[2] IMP005 Pilot Chair

- For vertical access and descent
- Ergonomic and provides comfort
- Carabiner included for connection
- To be used with a complete fall arrest system

Descend O-Matic Head

Reel



Anchor Point

Rescue Chest Strap

Specialty Rope

NCD-XX Norguard Descend-O-Matic Controlled Descent Device

- Descend-O-Matic head includes a centrifugal speed regulator that provides an average controlled rate of descent of approximately 4' (1.2m) per second
- Provides a means of emergency egress from heights for multiple users
- Easy to use and simple to don adjustable rescue straps
- Heavy-duty 5/16" diameter polyester rope with a galvanized aircraft cable core
- Custom lengths of rope up to 300'
- System includes: Descend-O-Matic head, rope, two adjustable rescue straps, rope storage reel, carabiner and storage bag

CAUTION:

After any escape use, return device to manufacturer or an authorized dealer for recertification. Annual recertification is mandatory!



HARDWARE AND ACCESSORIES

00763 Large Ultra-Sack Black Canvas Duffel Backpack

00768 Small Ultra-Sack Black Canvas Duffel Backpack

These newly designed ultra premium equipment bags provide the ultimate in durability with more capacity than any other fall protection equipment bags available on the market today.

SOS-Backpack SOS Backpack

Makes climbing a ladder with your equipment a snap while staying in compliance with ladder standards.

00762 Aerial Lift Bag

- Heavy duty ballistic nylon bag with Velcro closure
- Grommets attached to lift basket
- Center grommet is in place to seal bag for rental purposes

00765 Red Nylon Sport Bag

- Durable & convenient
- Keeps equipment clean & organized
- Helps to protect equipment against UV rays

NRB-300 Rope Bag

- Made of waterproof PVC coated polyester
- Draw string top closure
- Carrying handles
- Optional reflective tape

NB-001 PPE Small Mesh Bag

NB-002 PPE Medium Mesh Bag

- Drawstring top closure
- Great for PPE storage
- When ordering, please specify how many feet of rope is needed to fit inside bag

00763



SOS-Backpack



00762



00765



NRB-300



Mesh Bags



NOTE:

Proper storage of your Personal Protective Equipment will extend the life expectancy. Add your logo to any bag! Call for details (614) 846.2525.



HARDWARE AND ACCESSORIES



AD Rope & Cable Grabs

Norguard's AD Rope Grab is integrated with a 2' energy absorber certified for use in fall arrest applications, and is designed with a double-locking closing mechanism and a large ring for direct web or snap hook attachment. Compatible with rope 5/8" in diameter, this fall arresting device can be easily attached to any point on the lifeline, and features "hands free" operation on weighted vertical safety lines.

- Offers 'hands free' operation
- Double locking closing mechanism
- Hinge design permits attachment anywhere on lifeline
- Large ring for direct web attachment or snap hook connection
- Moves freely along 5/8" rope on brass rollers
- Stainless steel cable grabs fit 3/8" or 5/16" cable & travel in both directions automatically

Hooks & Carabiners

Our connector and snap hook options vary. These provide you with versatility to get your job done safely.

Norguard's Steel Carabiners can withstand maximum loads up to 5,000 pounds, and have high strength gates certified to withstand maximum loads of up to 3,600 pounds. Steel Carabiners are available with a variety of gate opening sizes and locking features.

- Constructed of high strength steel
- Maximum load of 5,000 lbs.
- Various gate sizes & locking features available

- [1] Stamped Steel Snap Hook (01)
- [2] Stamped Steel Rebar Hook (03)
- [3] Swivel Indicating Snap Hook (04)
- [4] Locking Steel Carabiner (NK-018)
- [5] Forged Pompier Hook (SH-108)



Part#	Description	Weight	Part#	Gate	Description	Weight
NRG-200-L	AD Rope Grab with 2' Lanyard	2.00	01	¾"	Stamped Steel Snap Hook	0.80
NRG-200-S	AD Rope Grab with 2' Energy Absorber	2.00	03	2½"	Stamped Steel Rebar Hook	1.74
01510	Cable Grab for 3/8" Cable	2.40	04	¾"	Swivel Indicating Snap Hook	1.20
01515	Cable Grab for 5/16" Cable	2.30	NK-018	¾"	Locking Steel Carabiner	0.70
			SH-108	2¼"	Forged Pompier Hook	1.96

GUARDRAIL SYSTEMS

Part#	Size	Description	Weight
14002		Dolly / Mini-Hammer Transporter	32.00
15177	22" x 22"	New Multi-Directional Guardrail Base Plate*	94.00
15180	36" x 10"	Guardrail Base Plate*	74.00
15181	42" x 10'	Guardrail	54.00
15182	42" x 8'	Guardrail	50.00
15183	42" x 6'	Guardrail	38.00
15184	10" (L)	Short Toe-Board Attachment	1.50
15185	21" (L)	Long Toe-Board Attachment	2.90



* Be sure to order one extra base plate for each continuous run to cover the end guardrail.

Guardrail System

The ultimate free standing portable fall prevention system that requires no rooftop surface attachment. The Guardrail System provides fall protection in the form of a guardrail for use in lieu of, or in conjunction with, safety netting and/or personal fall arrest systems.

- Components are powder coated safety yellow (guardrails) or hot dipped galvanized (base plates) for durability
- The only guardrail system with hot dipped galvanized base plates to prevent rust from bleeding onto the rooftop
- A near ground level protective barrier that will prevent the fall of materials and equipment to lower levels and provide protection from falls for personnel (on non-portable systems mounted on sloped roofs)
- Skid resistant bases

[1] 15177 Multi-Directional Guardrail Base Plate

- Includes attachment for toe-boards and pick point for movement with new transporter
- Also available in galvanized option

[2] 14002 Dolly/Mini-Hammer Transporter

Our new dolly can be used to transport our new multi-directional guardrail base.



⚠ WARNING:

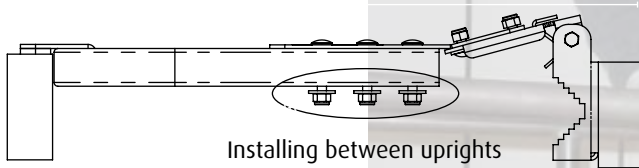
This is not a fall arrest or fall restraint system and is not designed for use as an attachment point for a personal fall arrest system.

GUARDRAIL SAFETY SWING GATE

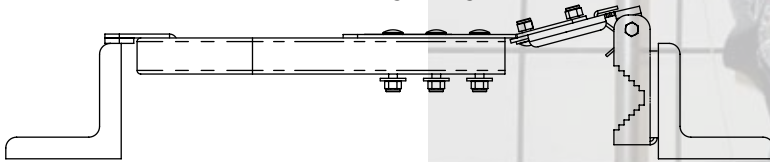
The new Norguard Safety Swing Gate is designed to be used on our Guardrail System as well as competitor's systems. Standard sizes include 18", 24" and 36". Our system can also be mounted to angle iron as show in the diagram.

- Steel construction
- Ships complete with bolts attaching to round or square tube
- Adjustable in width by quick adjustment bolts
- Fits openings from 18" to 36"
- Fits up to 2" maximum diameter round pipe

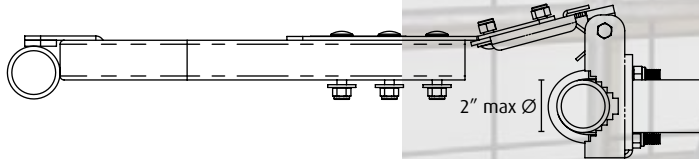
Standard sizes are 18" , 24" & 36"



Mounting to Angle Iron



Mounting between Guardrail Posts



Part#	Size	Description
15105	18"	Guardrail Safety Swing Gate
15110	24"	Guardrail Safety Swing Gate
15111	36"	Guardrail Safety Swing Gate

Applications include:

- Ladders
- Platforms
- Floor Openings
- Hand Railings
- Roof Hatches
- Stairwells
- Roof Tops
- Portable Guardrail
- Unfinished doorways with 2 x 4 framing

GOOSE WARNING LINE SYSTEM



Goose Warning Line Stanchion System

The Goose Warning Line Stanchion System is designed to be used as a fall protection system to protect workers from leading edge work, unprotected side hazards, holes and any other applicable fall hazard where a passive Goose Warning Line Stanchion System can perform properly.

Provides protection and limited access to fall hazards by creating a barrier that must be negotiated before accessing the hazard.

Do not hang lifelines, support tools or equipment from any Goose Warning Line stanchion components.

15227 Goose Single Stanchion

- Zinc plated steel
- Convenient side handle for easy carrying
- Easy to connect stem system on top for flag line connection
- Spring loaded legs – no additional tools required
- Can be permanently installed by using a #12 screw
- Reusable & easy to set up

15231 105’ Replacement Flag Line

- Large, heat-sealed flags
- Flags spaced every 2 feet
- Heavy-duty nylon cord

15228 Goose Warning Line System Transporter

- Makes transporting stanchions easier & safer
- Holds 9 Goose stanchions (15227)
- Zinc plated steel construction

15230 Transporter for Single Stanchions

- Rolls 465 lbs. system with ease
- Holds 9 single stanchions (15225)
- Built-in lift ring for hoisting to a roof
- Built-in reel holds 300 feet of flagged line

Part#	Size	Description	Weight
15225	39" (H)	Single Stanchion	23.00
15227	39" (H)	Goose Single Stanchion	17.75
15228		Goose Transporter	72.00
15230		Transporter for Single Stanchions	147.60
15231	105' (L)	Replacement Flag Line	0.80



⚠ WARNING:

Not rated for Personal Fall Arrest. Not rated for Fall Restraint. Not rated for Work Positioning. Not rated for Rescue.

GUARDRAIL SYSTEMS



[1] 15170 Parapet Clamp Guardrail System

Parapet Guardrail System offers the contractor an economical and easy-to-use system. Each system includes a Parapet Clamp and a Guardrail Post.

- Installed by one person without ladders or scaffolding
- Adjusts to wall widths between 4" to 24"
- Maximum spacing 8' apart

System is not designed as an anchorage point for a fall protection system. When working near a leading edge, always use a personal fall arrest or restraint system.

[2] 15171 Parapet Anchor System

- Single point tie-off
- Works with 52" Guardrail Post (61133)
- Easy to adjust handles
- Integrated safety pin for secure set up
- Reinforced for long life
- Rated for 5,000 lbs.
- Can be used with shock absorbing lanyards & SRL's
- Only one option in use at a given time

[3] 15173 Residential Guardrail System

- Roof Bracket includes Guardrail Holder & Bracing Support
- Adjustable from 6/12 to 12/12
- Versatile & cost effective
- Slotted for easy removal
- Lightweight & compact for storage
- Can be used as a slide guard or guardrail for sloped roofs
- Maximum spacing 8' apart

[4] 15500 C-Slab Grabber

- Ideal solution during concrete decking operations
- Back-up safety pin prevents separating
- Quick-adjust handle
- Anti-slip tape
- Fast & easy to set up
- Adjusts up to a 36" slab
- Can use 2 x 4's, 2 x 6's or cable for rails
- Affordable & built to withstand rugged construction
- Maximum spacing 8' apart

Part#	Size	Description	Weight
15170		Parapet Clamp Guardrail System: Clamp (1) & 42" Guardrail Post (15175) (1)	19.00
15171		Parapet Anchor System	19.00
15173		Residential Guardrail System: Bracket (1) & 42" Guardrail Post (15175) (1)	19.00
15175	42"	Guardrail Post	4.00
15500		C-Slab Grabber	21.80
61133	52"	Universal Guardrail Post	11.00

TRAINING

Fall Protection Awareness

1½ hours

Specially designed for those who work directly in or around work areas with existing or potential fall hazards, including project managers and supervisors, Norguard Fall Protection Awareness Training covers all the fall protection necessities. Just 1½ hours in length, this class covers the basics in training, best safety practices, and equipment inspection, maintenance and use.

Competent Person Fall Protection Training

16 hours (2 days)

Intended for managers and supervisors who intend to train personnel within their organization, Norguard Competent Person Fall Protection Training class covers an in-depth array of fall protection topics. This class gives participants the tools, education, and support they require to communicate key fall protection knowledge to others.

Upon completion, the student will be able to demonstrate knowledge of the following topics:

- Equipment Selection, Inspection & Donning
- Fall Prevention/Restraint/Arrest
- Fall Hazard Elimination
- Passive vs. Active Systems
- Fall Arrest Rescue Systems
- Selection & Usage of Non-Certified Anchorages
- Authorized Persons' Duties & Responsibilities
- Competent Persons' Duties & Responsibilities
- Testing of Fall Protection Equipment
- 'Hands-On' Scenario of Fall Protection Systems

Retractable Repair Class

8 hours

Intended for distributors looking to become an Authorized Repair Center of Norguard Self-Retracting Lifelines. The 100% hands-on course walks each technician through the step by step detailed process required to safely and correctly repair returned SRLs.

The course is designed for small groups of usually 2 – 5 technicians and includes all SRL blocks necessary for training that range from small to large units.

Over the course of 8 hours, technicians will be trained on the following:

- Proper pre-service inspection including understanding CSA label requirements & the difference between Type 1, 2 and 3 units
- A basic understanding of CSA Z259.2.2 requirements for SRLs including inspection and re-certification requirements
- Safe procedures for complete unit disassembly, cleaning and inspection
- Understanding criteria necessary to determine what components need to be replaced based on corrosion and wear
- Cataloging of all potential replacement parts and their location and purpose within the SRL unit
- Review of all tools required for repair including associated component and unit reference
- How to properly test SRL unit for functionality and check if energy absorbing mechanism is operating correctly
- Safe procedures for complete unit reassembly with step by step pictorial and written procedures
- Final post-service inspection and re-certification requirements



TERMS AND CONDITIONS

Terms

Norguard will manufacture, ship, invoice, and support your business with the respect and appreciation that our customers deserve. Payment terms are net 30 days. A penalty of 1.50% per month will be added to all past due accounts. Prices are always subject to change without any prior notice. In the event an account is delinquent and actions taken to resolve the matter are not acknowledged within 120 days from the date of invoice, the Purchaser agrees to pay the Seller's reasonable attorney's fees and collection costs in reference to past due amount. Catalog and/or quoted prices do not include sales, use, excise, or similar taxes, all of which shall be paid by the Purchaser.

Freight Policy

All shipping prices are F.O.B. shipping point. Freight will be prepaid for Canada, exclusions may apply on orders of \$2000.00 net or more depending on if the item qualifies for prepaid freight. Refer to the price pages and catalog for specific items that do not meet this guideline.

Returns & Exchanges

An Authorization and a Return Number or Repair Number must be issued by Norguard on all returns and repairs. Credit will not be issued for any custom built item. Unlike competitors, we accept returns on all goods unused, excluding custom built items, with a purchase date of six (6) months or less without a restocking fee of 20% as long as the return is offset with an order. All returns must be shipped to Norguard freight prepaid.

Special Orders

Some special orders are subject to minimum order quantities and/or set up charges.

Shipment Acknowledgements

Purchaser's claims for shortages or errors in delivery must be made within ten (10) business days after receipt of goods and all other claims must be made within six (6) months thereafter.

Governing Law

Washington State Laws shall govern. Any legal action based on an order must be filed in a court of competent jurisdiction in Washington.

Warranty

Norguard expressly warrants to the purchaser that all products are free from defect in material and workmanship at the time of shipment. Norguard's obligation under this warranty is limited to product replacement for a period of two (2) years from either (i) the date of first installation or use of the product or (ii) shipment to the purchaser, whichever period expires first. This warranty is not transferable.

No other person or firm is authorized to assume or assign for Norguard any other liability in connection with the sale or use of our products. Furthermore, this warranty is void if any product is changed or altered in any way or if the product is used in a manner other than for which it is intended. This warranty only covers defects in material and workmanship; it does not cover conditions resulting from normal wear and tear, neglect, abuse or accident. All returns to Norguard must have a return authorization which is obtained from our Customer Service department. All returns must be shipped prepaid.

Entire Contract

All orders are subject to written acceptance by Norguard. This acknowledgment and the purchase order of the Purchaser constitute the entire agreement of purchase and sale between the parties. The Purchaser is responsible for all monies owed and in no way will hold the Seller liable for warranties beyond what is contained in the Terms and Conditions.

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Version: August, 2013