Lanyards are the critical link in any fall protection system

The Critical Link

Miller
Not all lanyards are the same.

Miler Lanyards

Throat Opening

- Longer gate permits lower hand position on a Miller snap hook, freeing the throat opening from obstructions. Clearance remains 3/4" with hand or 1/8" with glove.

Locking Mechanism

- Tamper-proof, locking mechanism design on a Miller snap hook increases reliability by minimizing the potential for misuse.

Consistent 3-point tack stitching pattern along with heavier thread produces a stronger Miller lanyard.

Webbing meets a minimum tensile strength of 6,000 pounds for superior performance.

Overstitching the ends of the webbing prevents catching or snagging.

Snap Hook Construction

- Restricted access spring design on a Miller snap hook minimizes the potential for damage or tampering.

Competitor

Throat Opening

- Shorter gate causes hands to interfere with throat opening, reducing clearance to 1/4" with hand and 1/8" with glove.

Locking Mechanism

- Exposed locking tab can be easily bent or broken placing a worker at risk because the snap hook may not be securely attached.

Snap Hook Construction

- Easy access spring design allows for damage & tampering.

Webbing and Stitching

- Lightweight stitching pattern will not wear well and may offer poor strength. Webbing must meet the minimum tensile strength of 5,000 pounds required by OSHA. Unsewn webbing ends may snap and tear.

M Proper ANSI Z359.1 labeling:
- part no. and model designation
- year of manufacture
- manufacturer’s name/logo
- capacity rating, standard number (Z359.1)
- warning to follow the manufacturer’s instructions

Miller lanyards meet these labeling requirements and more:
- an inspection grid for inspection record
- directional arrows for proper use

We also offer third-party certification on most popular styles to support our claims.

Proper Labeling

- Demand proper labeling – reduce liability risks from improper use.

Comparing the differences:

Miller lanyards are superior in design and construction compared to competitors. Miller lanyards offer a longer gate design, allowing for easier use and increased safety. Miller lanyards also feature a tamper-proof locking mechanism design, preventing potential damage or tampering. Additionally, Miller lanyards meet the stringent ANSI Z359.1 labeling requirements, ensuring proper identification and safety warnings. In contrast, competitors may lack these designs and labeling, putting users at higher risk. Miller lanyards are the clear choice for ensuring safety and reliability.
Warning labels and instructions in three languages to meet the demands of a broad user base. Reassures understanding by user, as well as proper use and added safety. Furthermore, English and French translations meet CSA standards.

Unique trilingual warning flag provides visual proof that a Miller lanyard has been involved in a fall and should be removed from service.

Wear pads provide additional protection around hardware/webbing connections, increasing Miller lanyard durability and work life.

All Miller lanyards are constructed entirely of North American-made components, assuring quality workmanship.

100% proof testing of hardware.
Voluntary third-party testing of most popular styles of Miller lanyards ensure performance standards.
In-house testing facility.
Statistical Process Control (SPC) of raw materials to assure quality.
Meet applicable ANSI, OSHA and CSA requirements.

Many lanyards require actual physical measurements to determine if they are still usable. Without a readily visible indication, the potential exists for a worker to unknowingly use a lanyard that has been involved in a fall.

No wear pads increases the possibility of premature wear.

Components made in other parts of the world may not offer the same high-quality standards for materials and workmanship.

• Is hardware proof tested?
• Is third-party testing offered by the manufacturer?
• Is there an in-house testing facility to ensure proper product performance?
• Is the quality of raw materials assured?
• Do lanyards meet all applicable ANSI, OSHA and CSA requirements?
**Miller® Manyard® Shock-Absorbing Lanyards**

- Over 20 years of design refinement
- Special woven shock-absorbing inner core reduces fall arrest forces
- Heavy-duty tubular outer jacket serves as a back-up web lanyard
- Unique warning flag provides visual proof that a lanyard has been involved in a fall and should be removed from service
- Unique stretchable design offers greater maneuverability and safety
- When contracted to four feet, Manyard II greatly reduces the chances of tripping, snagging or dragging
- Integral bright red core makes visual inspection easier and more reliable
- Webbing protected with Teflon®HT for an invisible finish that provides superior water/oil repellency and protection against grease, dirt and grime

**Miller® Manyard® II Stretchable Shock-Absorbing Lanyards**

- Unique stretchable design offers greater maneuverability and safety
- When contracted to four feet, Manyard II greatly reduces the chances of tripping, snagging or dragging
- Integral bright red core makes visual inspection easier and more reliable
- Webbing protected with Teflon®HT for an invisible finish that provides superior water/oil repellency and protection against grease, dirt and grime

**Miller® StretchStop® Lanyards w/SofStop® Shock Absorber**

- Includes field-proven Miller SofStop Shock Absorber with unique back-up safety strap
- Stretches from 4 to 6 feet
- Stretchable design offers greater maneuverability and safety
- When contracted to four feet, StretchStop greatly reduces the chances of tripping, snagging or dragging
- Webbing protected with Teflon®HT for an invisible finish that provides superior water/oil repellency and protection against grease, dirt and grime

**Miller® BackBiter™ Tie-Back Lanyards**

- Designed from top to bottom for tie-back use
- Patent-pending 5K™ Snap Hook is the first snap hook with a 5,000 lb. (22kn) gate load capacity from any angle
- All-in-one lanyard with SofStop Shock Absorber and cross-arm anchorage connector
- Heavy-duty polyester webbing with five times more abrasion resistance
- Webbing protected with Teflon®HT for an invisible finish that provides superior water/oil repellency and protection against grease, dirt and grime

---

*Teflon® is a registered trademark of DuPont. Only DuPont makes Teflon®.*

---

*Only DuPont makes Teflon®.*
Calculating Total Fall Distance/Clearance with Shock-Absorbing Lanyard and D-Ring Anchorage Connector

BEFORE FALL

ANCHOR POINT

Length of Lanyard: 6 ft.

Deceleration Distance: 3 1/2 ft.

Height of Worker: 6 ft.

Safety Factor: 3 ft.

AFTER FALL

TOTAL: 18 1/2 ft. FROM ANCHOR POINT

Calculating Total Fall Distance/Clearance with Shock-Absorbing Lanyard and Cross-Arm Strap Anchorage Connector

BEFORE FALL

ANCHOR POINT

Length of Anchorage Connector: 2 ft.

Length of Lanyard: 6 ft.

Deceleration Distance: 3 1/2 ft.

Height of Worker: 6 ft.

Safety Factor: 3 ft.

AFTER FALL

TOTAL: 20 1/2 ft. FROM ANCHOR POINT

This equipment should only be used in conjunction with the manufacturer's instructions. Failure to follow instructions could result in serious injury or fatality.