FALLTECH

FT-ONE ULTRA-LITE™

8132QC

FT-One Ultra-Lite™ 1D Standard Non-Belted Full-Body Harness, Quick-Connect Legs

CONTACT SALES

The FT-One Ultra-Lite redefines harness performance with a 30% lighter build that cuts fatigue without sacrificing protection. Aerospace-grade titanium D-rings—lighter than aluminum yet stronger and corrosion-resistant—set a new industry standard. Specialized padding, vented straps, and breathable webbing promote airflow, reduce friction, and keep you cooler and drier all day. Rugged yet weightless, this breakthrough harness blends advanced engineering with lasting comfort. Experience the difference once, and you'll never return to heavier gear.

Features :

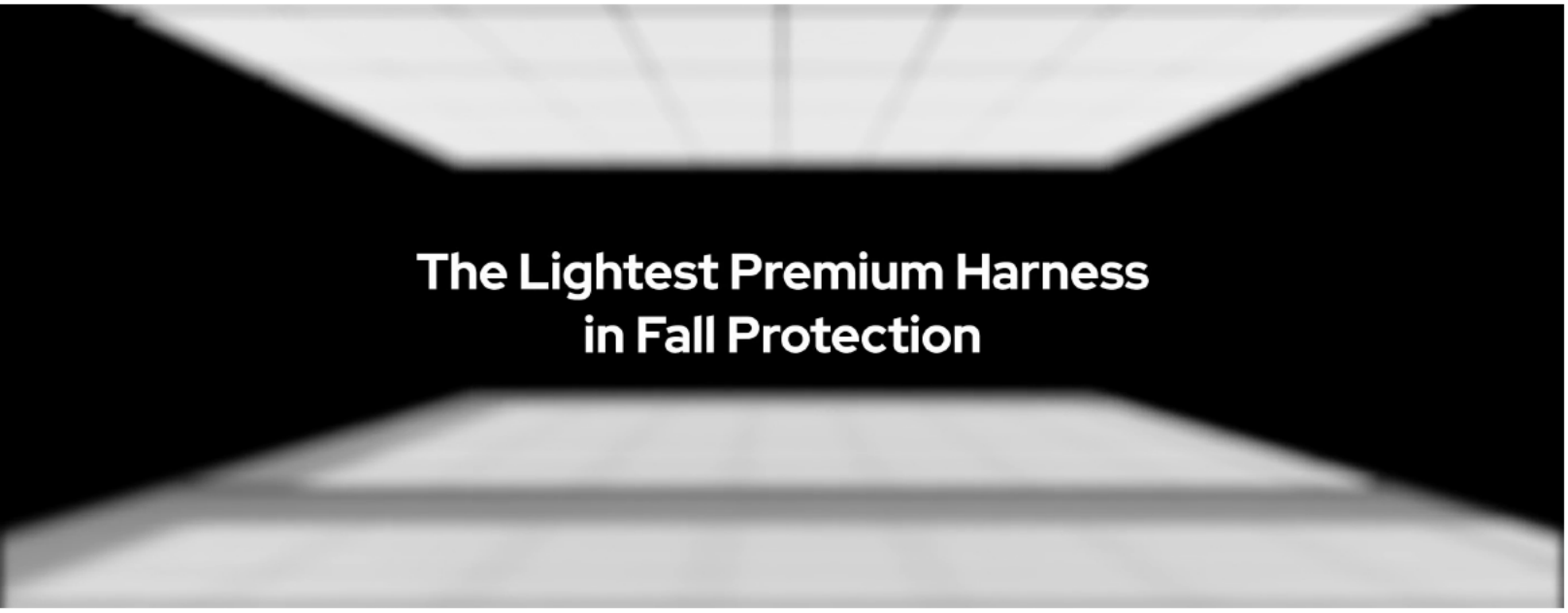
- The lightest and most advanced premium safety harness on the market over 30% lighter than other harnesses in its segment.
- Minimized-contact design utilizes contoured straps to reduce bulk and surface contact to improve mobility and keep the harness cooler against the body.
- High-breathability webbing is three times stronger than traditional webbing while featuring enhanced UV- and abrasion-resistance.
- Industry-first titanium D-rings are lighter, stronger, and more corrosion-resistant than either steel or aluminum.
- Low contact gel padding reduces friction, pulls heat away from the body, and promotes airflow to help keep workers cooler and drier throughout the day.
- Vented lateral Comfort Legs® straps cool areas where heat builds, flex naturally with movement, and neutralize common pinch points for better all-day mobility.
- Perforated shoulder pads use a raised airflow structure to resist heat, moisture, and bacteria.
- Soft neoprene-lined neck guard prevents abrasion to keep comfort front and center on every climb.
- Slim profile trauma relief packs help reduce pressure during suspension and improve balance and stability during rescue situations.
- Complies with ANSI Z359.11-2021, OSHA 1910.140, and OSHA 1926.502.
- 1 D-ring configuration (1 dorsal) with Quick Connect leg closures.

Material Specifications	
Webbing	Polyester; 5,000 lb min. static strength
D-rings	Aluminum Alloy; 5,000 lb min. static strength
Buckles and Adjusters	Aluminum alloy and plated alloy steel; 3,372 lb min. static strength

Performance Specifications	
Static Strength	3,600 lb min.
ANSI User Capacity	130 to 310 lb max.
OSHA User Capacity	130 to 425 lb max.

Compliant With:	
ANSI	Z359.11 2021
OSHA	1926.502 and 1910.140
CSA	Z259.10 2018

Sizes & Part Numbers							
8132QCXS - XS	8132QCS - Small	8132QCM - Medium	8132QCL - Large	8132QCXL - XL	8132QC2X - 2X	8132QC3X - 3X	



FT-One Ultra-Lite Benefits:

- Lightweight & High-Strength Materials
- Natural Body Movement
- Breathable Webbing
- Neutralized Pressure Points
- Dispersed Load Support
- Pinch-Free Mobility

Lighten the Load—and Advance Your Safety

Get protection without the weight holding workers back.

CONTACT SALES

Over 30% lighter than other harnesses in its class, the FT-One Ultra-Lite delivers full-strength protection in a harness that feels nearly weightless.

More from Less

Less weight, less heat, and less bulk give you more freedom, comfort, and confidence—proving that smarter design delivers stronger protection without holding you back.

Elevated by Design

Every detail works together to stay out of your way, combining vented materials and low-contact padding so you move cooler, freer, and more comfortably through every task.

Inspired from Above

Inspired by aerospace engineering, advanced alloys and materials bring unprecedented strength and weight savings, redefining what modern fall protection can—and should—feel like.

Available Options

8131

3D
Construction
Belted
Tongue Buckle

8131QC

3D
Construction
Belted
Quick-Connect

8132

1D Standard
Non-Belted
Tongue Buckle

8132QC

1D Standard
Non-Belted
Quick-Connect

81323D

3D Standard
Non-Belted
Tongue Buckle

81323DQC

3D Standard Non-
Belted
Quick-Connect

VIEW PRODUCTS

Frequently Asked Questions

What makes the FT-One Ultra-Lite different from other harnesses?

It is over two pounds lighter than the original FT-One and uses titanium

What materials are used in the D-rings?

The harness uses industry-first titanium alloy D-rings that are lighter than steel

hardware, breathable webbing, and a minimized-contact design for superior comfort and mobility.

What standards does the FT-One Ultra-Lite comply with?

It complies with ANSI Z359.11 2021, OSHA 1910.140, and OSHA 1926.502.

and aluminum while maintaining high strength and corrosion resistance.

Is the harness suitable for outdoor use?

Yes. The webbing is abrasion and UV resistant, making it well-suited for outdoor environments.