

B7-COMFORT ARC FLASH

Harness

The multi-award-winning Guardian B7-Comfort is now available in an Arc Flash resistant version without compromising any of the multiple unique and patented features such as the DiaLock Adjusters, Adjustable Waist Pad, and Three-Six-O harness chassis. The B7-Comfort Arc Flash Harness is made from premium heat and burn resistant materials such as Kevlar® and Nomex® to ensure proper function and structural integrity against electrical currents and extreme temperatures - such as an arc flash event.

AWARD WINNING DESIGN

The B7-Comfort Arc Flash Harness is a **2025 Pro Tool Innovation Finalist** for most innovative product in the Safety - Tethering & Fall Protection category.



**HEIGHT SAFETY.
SIMPLIFIED.**

guardianfall.com



B7-COMFORT ARC FLASH

Harness



Patent pending
adjustable shoulder pad

Kevlar®/Nomex® materials

Chest pad label covers

Twiceme Technology's®
Safety Tech

Auto-resetting and
adjustable lanyard keepers

Patent pending
DiaLock torso adjusters

Leather insulator pads

Patent pending
adjustable waist pad

Aircraft grade
aluminum hardware

Three-Six-O chassis

Tool tether anchor
attachments

Comfort leg pads



Key features & benefits



Patent pending adjustable padding

Allows the user to tailor the harness for a more secure and comfortable fit



Integrated twicEme® safety technology

NFC-based safety chip that allows for quick and easy access of user's health and safety information in the event of an emergency



Patent pending DiaLock double-locking torso adjusters

Easy, seamless, and precise adjustment method allows for quick and smooth adjustment that won't creep throughout the day



Auto-resetting and adjustable lanyard keepers

Made from a durable thermoplastic for impact resistance and flexibility



Three-Six-O harness chassis

The B7-Comfort's unique O-Ring design allows the torso and legs to move independently of each other for unrivaled and unrestricted movement and mobility



Kevlar®/Nomex® materials

Burn and Heat resistant materials for added protection



Custom aircraft grade aluminum hardware

Lightweight and durable for long-lasting use on the toughest jobs

Declaration of conformity

This product has been tested in an ISO 17025 accredited laboratory in accordance with all requirements specified by **ANSI/ASSP Z359.7**.

This product is compliant with the following safety regulations and consensus standard:
OSHA 1910.140 & 1926.502 | ANSI Z359.11 | ASTM F887

For more information:

+1 (800) 466 6385

customer.service@guardianfall.com



Designed, Tested
and Assembled
in United States

B7-COMFORT ARC FLASH

Harness



EZ D-Ring
stand up dorsal D-Ring

Patent pending
personal SRL adapter

Wear-indicating and
water-repellant webbing

Impact indicators

Adjustable tool bag
attachment system

Aircraft grade
aluminum hardware

Patent pending
integral suspension
trauma relief straps

Extra wide
sub-pelvic support



Key features & benefits



EZ D-Ring stand up dorsal D-ring

Stand up, aluminum dorsal D-ring allows for easy access at all times. Designed with a slight bend to mitigate engagement with the user's head



Durable, supportive & comfortable padding

Soft and breathable open-cell foam and spacer mesh lend to a comfortable, breathable and lightweight feel. Military-grade rip stop and a chemical, UV and tear-resistant rubber provide ultimate protection and durability



Adjustable tool bag attachment system

Allows the user to adjust the distance between belt supports to snugly fit a tool bag from 4" to 10"* on their hip



Patent pending integral trauma straps

Suspension trauma relief straps built into leg pads for convenient access and a streamlined design



Wear-indicating and water-repellant webbing

Red inner core aids during inspection and water-repellant coating improve sweat and water resistance

Specifications

User weight range

(including all clothing, tools, and equipment)

OSHA | 100-420 lbs **ANSI** | 130-310 lbs

Materials | Kevlar®, Nomex®, nylon, anodized aluminum, steel, leather

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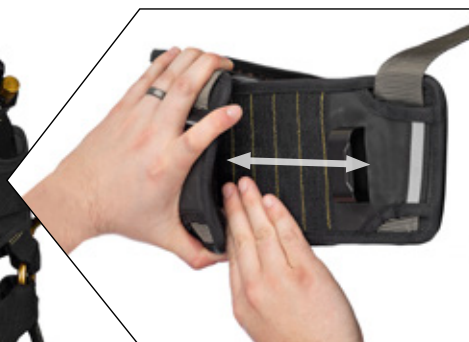
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Patent pending adjustable padding

Guardian's patent pending adjustable padding is the first of its kind on a fall protection harness. The adjustable padding allows the user to truly tailor the fit of their harness for maximum comfort and work efficiency.

To adjust the padding, disengage the hook and loop, adjust to desired length and press firmly to re-engage the hook and loop, securing the wings to the base.

Adjustable tool bag attachment system

The adjustable waist pad also creates the B7-Comfort's Adjustable Tool Bag Attachment System which allows the snug attachment of tool bags from 4"-10"



*Waist pad adjustability dependent on harness size. XS = +1" per side; SM=+2" per side; M=+4" per side; LG-XXL=+6" per side."

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Patent pending DiaLock torso adjusters

Offer an easy, quick, and precise adjustment method. Simply turn the knob up to tighten. The DiaLock adjusters are the most refined adjuster in its class, with 35% finer adjustment than the leading competitive adjuster of its type. The DiaLock also features a double locking mechanism to safely secure the webbing once adjusted and mitigates webbing creep throughout the day. The DiaLock adjuster – dial in comfort, then lock it in.



To tighten the DiaLock adjusters, simply turn the knurled knob in an upward direction.

To loosen the the DiaLock adjusters, you must engage and press both unlock buttons on the corner of the adjuster frame. Once both buttons are engaged together, webbing will release and adjust out.

Some images are representative only to show function.

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Three-Six-O harness chassis design

The B7-Comfort's unique Three-Six-O harness chassis design keeps the harness fully integrated while allowing the torso and sub-pelvic and legs to move independent of each other. This lends to a full range of unrestricted movement of the hip joint for unrivaled mobility around the job site.



Unique O-Ring chassis design



Full range of unrestricted movement

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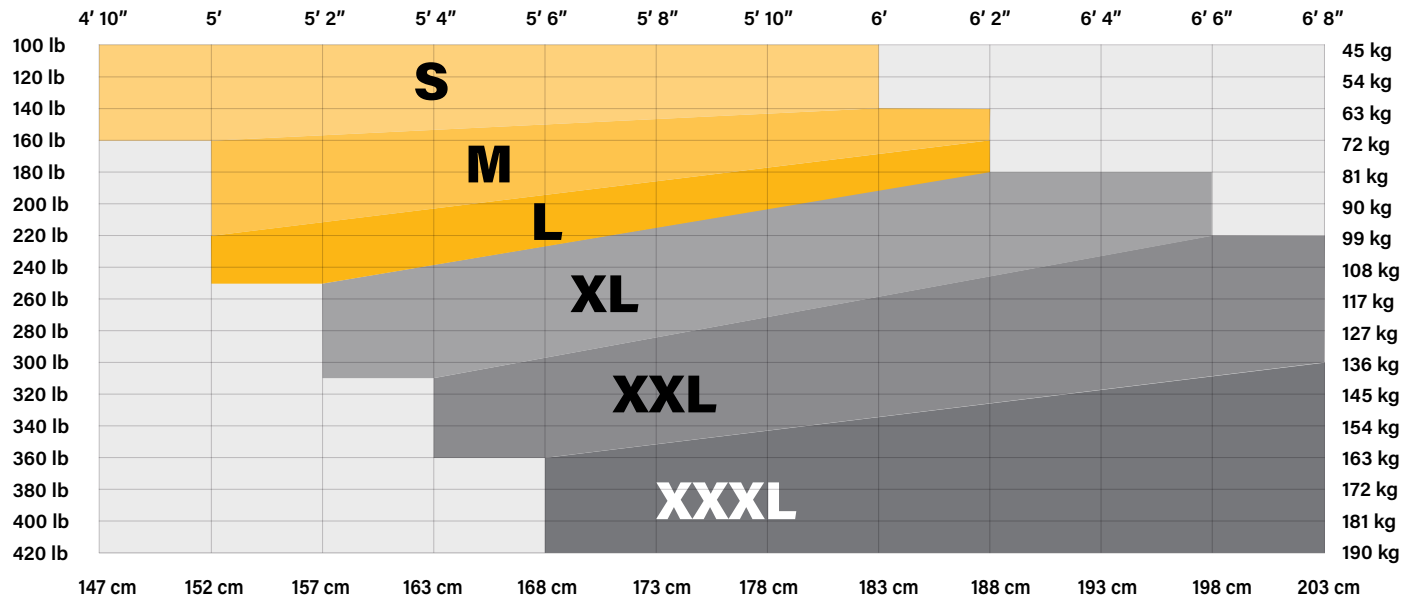
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Sizing guide



Description	Chest & Leg Buckle	Part Numbers / Size					
		XS	S	M	L	XL	XXL
B7-Comfort Arc Flash Harness	Quick-Connect	3740620	3740621	3740622	3740623	3740624	3740625
B7-Comfort Arc Flash Harness Sternal D-Ring	Quick-Connect	3740626	3740627	3740628	3740629	3740630	3740631
B7-Comfort Arc Flash Harness Sternal and Hip D-Rings	Quick-Connect	3740632	3740633	3740634	3740635	3740636	3740637
B7-Comfort Arc Flash Harness Hip D-Rings	Quick-Connect	3740638	3740639	3740640	3740641	3740642	3740643
B7-Comfort Arc Flash Harness Waist Pad	Quick-Connect	3740644	3740645	3740646	3740647	3740648	3740649
B7-Comfort Arc Flash Harness Waist Pad, Sternal D-Ring	Quick-Connect	3740650	3740651	3740652	3740653	3740654	3740655
B7-Comfort Arc Flash Harness Waist Pad, Sternal and Hip D-Rings	Quick-Connect	3740656	3740657	3740658	3740659	3740660	3740661
B7-Comfort Arc Flash Harness Waist Pad and Hip D-Rings	Quick-Connect	3740662	3740663	3740664	3740665	3740666	3740667

Buckle types



Quick-Connect



Tongue-Buckle
*belts only

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