



## B7-COMFORT

### Full Body Harness

The Guardian B7-Comfort Harness offers precision adjustment and premium comfort. Years of end user insight and feedback gave us great understanding that comfort could be quantified by two main points – adjustability and mobility. The industry needed not only more adjustment, but easier, quicker, and more precise adjustment as well - as this was key in not only comfort but also safety. Users also want a harness that moves with them, and not against them. The B7-Comfort was designed specifically to provide solutions and innovations to these key areas. There are unique and patented features throughout this harness, including industry-exclusive adjustment and rescue methods. With a stunning industrial design to compliment the robust feature set, the B7-Comfort will adjust the way you think about comfort.

**HEIGHT SAFETY.  
SIMPLIFIED.**

Distributed by Engineered Fall Protection  
[sales@engineeredfallprotection.com](mailto:sales@engineeredfallprotection.com)  
[www.engineeredfallprotection.com](http://www.engineeredfallprotection.com)  
Tel: (314) 492-4422

# B7-COMFORT

Full Body Harness



## Key features & benefits



### Patent pending adjustable padding

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



### Custom aircraft grade aluminum hardware

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



### 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



### 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



### 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



### Auto-resetting and adjustable lanyard keepers

Made from a durable thermoplastic for impact resistance and flexibility



### Red alert stitching

Red stitching on the inside of the harness to aid in proper donning and provide a visual warning if webbing is twisted



### Chest pad label covers

An added layer of comfort that keeps labels protected and legible

## Declaration of conformity

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

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



Designed, Tested and Assembled in United States

# B7-COMFORT

## Full Body Harness



### EZ D-Ring stand up dorsal D-Ring



### 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



#### Patent pending integral trauma straps

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



#### 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



#### Wear-indicating and water-repellent webbing

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



#### 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

### Specifications

#### User weight range

(including all clothing, tools, and equipment)

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

**Materials** | Polyester, nylon, rubber, zinc & EDC-coated steel, stainless steel, anodized aluminum



#### Reflective edging

Provides improved worker visibility at night or in low-light environments

### Declaration of conformity

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

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



Designed, Tested and Assembled in United States

# B7-COMFORT

Full Body Harness



## 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."

### Declaration of conformity

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

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



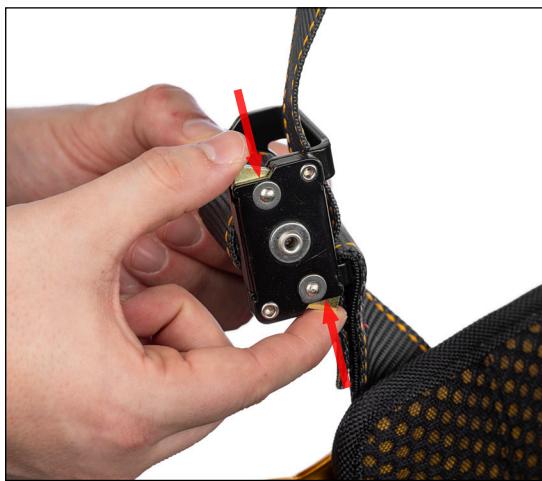
Designed, Tested  
and Assembled  
in United States

# B7-COMFORT

## Full Body Harness



**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 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.

### Declaration of conformity

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

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



Designed, Tested  
and Assembled  
in United States

# B7-COMFORT

## Full Body Harness



### 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 & 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**

### Declaration of conformity

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

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



Designed, Tested  
and Assembled  
in United States

Description	Chest Buckle/ Leg Buckle	Part Numbers / Size					
		XS	S	M	L	XL	XXL
B7-Comfort Harness	QC / QC	3740000	3740001	3740002	3740003	3740004	3740005
B7-Comfort Harness	QC / TB	3740006	3740007	3740008	3740009	3740010	3740011
B7-Comfort Harness, Sternal D-Ring	QC / QC	3740012	3740013	3740014	3740015	3740016	3740017
B7-Comfort Harness, Sternal D-Ring	QC / TB	3740018	3740019	3740020	3740021	3740022	3740023
B7-Comfort Harness, Sternal & Hip D-Rings	QC / QC	3740024	3740025	3740026	3740027	3740028	3740029
B7-Comfort Harness, Sternal & Hip D-Rings	QC / TB	3740030	3740031	3740032	3740033	3740034	3740035
B7-Comfort Harness, Hip D-Rings	QC / QC	3740036	3740037	3740038	3740039	3740040	3740041
B7-Comfort Harness, Hip D-Rings	QC / TB	3740042	3740043	3740044	3740045	3740046	3740047
B7-Comfort Harness, Waist Pad	QC / QC	3740048	3740049	3740050	3740051	3740052	3740053
B7-Comfort Harness, Waist Pad	QC / TB	3740054	3740055	3740056	3740057	3740058	3740059
B7-Comfort Harness, Waist Pad, Sternal D-Ring	QC / QC	3740060	3740061	3740062	3740063	3740064	3740065
B7-Comfort Harness, Waist Pad, Sternal D-Ring	QC / TB	3740066	3740067	3740068	3740069	3740070	3740071
B7-Comfort Harness, Waist Pad, Sternal & Hip D-Rings	QC / QC	3740072	3740073	3740074	3740075	3740076	3740077
B7-Comfort Harness, Waist Pad, Sternal & Hip D-Rings	QC / TB	3740078	3740079	3740080	3740081	3740082	3740083
B7-Comfort Harness, Waist Pad, Hip D-Rings	QC / QC	3740084	3740085	3740086	3740087	3740088	3740089
B7-Comfort Harness, Waist Pad, Hip D-Rings	QC / TB	3740090	3740091	3740092	3740093	3740094	3740095

QC: Quick-Connect   TB: Tongue-Buckle

### Buckle types



Quick-Connect



Tongue-Buckle

### Declaration of conformity

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

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



Designed, Tested  
and Assembled  
in United States