

# H100 HARNESS AND LANYARDS

## Trusted Protection, Unmatched Value

The new CE approved Honeywell Value harnesses and lanyards from Honeywell combine optimum safety, robust performance and enhanced comfort for workers in construction, building maintenance and general industrial applications involving work at height. This range offers premium features or safety, ease of use, comfort and convenience without the premium cost, thus offering our customers great value for their money.

**Applications:** Construction Utilise Commercial/ Industrial Maintenance

**Hazards:** Fall from height

**Item Codes:** FBH100Kit, FBH110Kit, FBH110, H100DLY, H100DLYSA, H100WPLY



## FEATURES & BENEFITS

**Universal fit -3 point adjustability:** Fully adjustable using buckles a chest, shoulder and thigh straps for right fit and optimal safety of workers of all body types.

**Dope dye dual color polyester webbing:** High strength polyester offers great performance, is flexible and lightweight. Dope dying adds UV stability and hence is more durable. Dual color scheme avoids any confusion while donning and improves visibility.

**Easy donning labels:** Labels for left / right shoulder ensure easy and safe donning by workers.

**Forged steel hardware:** Forged alloy steel parts have higher breaking strength perform better and last longer than molded metal parts. All metal parts are zinc plated for rust free and guaranteed performance.

**Ergonomic design:** Cushioned shoulder and thigh pads, metallic lanyard keepers, ergonomically positioned sit strap are features designed keeping user's convenience and comfort in mind.

**Fall indicators:** Visual indication enables intuitive and full proof inspection before every use.

**UV stabilized no-fade ribbons:** All labels are UV stabilized for lifetime visibility of critical information, no ambiguity and lower inspection time with hassle-free traceability.

**Polyester rope lanyard:** 12 mm twisted polyester rope in multiple attachment options - double lanyard permanently attached, double lanyard with karabiner with and without integrated energy absorber. Dual color tracer line for easy inspection.

**Versatile hooks:** Forged alloy steel scaffolding hooks with 60 mm gate opening easy to use on thick scaffolding. Screw lock karabiner with 17 mm gate opening. Year of manufacturing engraved on these critical components for hassle-free inspection and safety.

**Honeywell Brand promise:** Prominent Honeywell brand offers easy identification of brand while inspection and reduces risk of spurious / uncertified products.

**IMPACT**  
by Honeywell

# HARNESS AND LANYARDS Technical Specifications

FULL BODY HARNESS	
Item Code	FBH100Kit, FBH110Kit, FBH110
Application	Fall Arrest, ladder/tower climbing
Capacity/Breaking Strength	25 kN (Head up position)
Webbing Material	Dope dyed polyester
Webbing Width	44 +/- 1 mm
Color	Black and Lime Yellow
Hardware	<b>Material:</b> Forged galvanized alloy steel <b>Plating:</b> Zinc <b>Finish:</b> Glossy stainless steel finish
D-ring Location	Dorsal (back side)
D-ring Tensile Strength	23 KN
Additional Anchorage point	Two textile loops in front/sternal level
Strap Adjustability	Shoulder, Chest & Thigh
Fall Indicators	Yes, on back straps
Buckle Type	Mating buckles
Buckle Tensile Strength	23 KN
Stitching Thread	Polyester
Max. User/ Worker Weight	100 Kg
Additional Features	<ul style="list-style-type: none"> <li>• Metal rings as lanyard keepers</li> <li>• Cushioned shoulder and thigh pads</li> <li>• Plastic webbing end protectors</li> <li>• Elastic web keepers</li> </ul>
Size	Universal
Weight	Approx. 1200 grams
Standards	EN 361:2002, EN 355:2002, EN 354:2010 and IS 3521:1999
Kits	<b>FBH100Kit</b> – Value Harness integrated with double rope lanyard (refer H100DLY) permanently attached to back D-ring without karabiner <b>FBH110Kit</b> – ValuePlus Harness with double shock absorbing rope lanyard (refer H100DLYSA) <b>FBH110</b> – ValuePlus Harness without lanyard
Static Load Test	15 KN or 1530 kgf for 3 Minutes at each attachments element
Dynamic Load Test	The full body harness shall not release the torso dummy weighing 100 kg. After each drop test, the torso dummy shall be arrested in a head -up position and the angle between the longitudinal axis of the dorsal plane of the torso dummy and the vertical be a maximum of 50°
Packaging	Non-woven carry bag
WORK POSITIONING LANYARD	
Item code	H100WPLY
Material	Kermantle braided rope
Diameter	12 mm
Length	2.0m
Compliance	As per EN 358:1999, and IS 3521:1999
Metal Components	One steel Karabiner 50151203-001 One Automatic grip adjuster 50151206-001
Static Load Test	A work positioning lanyard with an adjustable element shall be subjected to the static strength test shall with stand a force of 15KN for 3 mins without fracture. Any movement (slippage) of the lanyard material through the adjustment element shall not exceed 50mm and shouldn't release the test Dummy
Dynamic Load Test	Free fall feet first about 1 m and work position lanyard shall not allow the torso dummy of 100 kg to be released

DOUBLE LANYARD	
Item Code	H100DLY
Application	Fall Arrest, ladder/tower climbing
Material	3-strand Polyester Twisted Rope
Diameter	12mm
Length	2.0m (including hooks)
Compliance	As per EN 354 :2010 and IS 3521:1999
Attribute	Spliced ends protected with transparent sleeves; loops protected with plastic thimble
Tracer line	Dual color black and yellow
Static Load Test	Lanyards including any textile material or textile lanyard elements, e.g. synthetic fiber ropes or webbing, shall sustain a force of at least 22 KN.
Dynamic Load Test	Lanyard Should withstand a drop test using a 100kg test mass dropped from a height of 2 metres above the attachment point (the lanyard and connectors having been adjusted to 2 metres in length, resulting in a free fall distance of 4 metres).
Metal Components	One steel karabiner 50151203-001 Two scaffold hooks 50151204-001
DOUBLE LANYARD WITH SHOCK ABSORBER	
Item Code	H100DLYSA
Material	3-strand Polyester Twisted Rope
Diameter	12mm
Length	2.0m (including connecting hooks and shock pack)
Compliance	As per EN 354:2010, EN 355:2002 and IS 3521:1999
Energy Absorber	Energy Absorber made up of 44mm wide webbing and is shrink wrapped. Reduces the impact of fall to less than 6kN  Length of energy absorber when activated 1.75m
Static Load Test	After removing the full-length absorber, strain the straps with a test force of 15kN for 3 minutes.
Dynamic Load Test	The absorber must resist the fall of 100 kg of solid steel released from a height of 2 meters above the fixed anchor point. The braking force must not exceed 6kN and the trapping distance must be less than 2.0 + 1.75m including the fastener
KARABINER	
Item Code	50151203-001
Capacity/Breaking Strength	23KN
Material	Galvanized Alloy Steel
Opening	17 mm
Finish	Glossy stainless steel finish
Compliance	As per EN 362:2004
SCAFFOLDING HOOK	
Item Code	50151204-001
Capacity/Breaking Strength	23KN
Material	Galvanized Alloy Steel
Opening	60mm
Finish	Glossy stainless steel finish
Compliance	As per EN 362:2004
AUTOMATIC GRIP ADJUSTER	
Item code	50151206-001
Capacity/Breaking Strength	22KN
Material	Galvanized Alloy Steel
Finish	Glossy stainless steel finish
Compliance	As per EN 353-2:2002

## For more information

[www.honeywellsafety.com](http://www.honeywellsafety.com)

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Harness and Lanyard DS | Rev01 | 10/20  
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CE 1015



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