

Miller® DuraFlex® Stretchable Harnesses

A variation on a proven theory ...

*The New
DuraFlex®
Python™* →

*Discover
wraparound
comfort!*



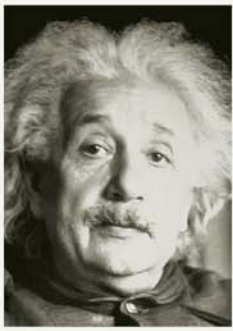
*Original
Stretchable
DuraFlex* →

*Patented
Stretchable
webbing*

*Fully-
adjustable
design*

MILLER®

by Honeywell



Miller® DuraFlex® Harness Series

Einstein's theories about gravity brought innovation to science.

COMFORT + SAFETY
= PRODUCTIVITY²



At Miller Fall Protection/Honeywell, we defy some of gravity's universal pull with innovations in fall protection. We've proven the theory that workers would more-readily wear a comfortable harness, and wear it correctly when we designed the patented **DuraFlex® Full-Body Harness** that stretches with every movement. We followed that innovation with **DuraFlex Python™**, the next generation of DuraFlex. It features wraparound comfort with a cushioned tubular interwoven webbing in the upper torso, and DuraFlex stretchable webbing in the lower torso with lightweight leg straps of non-stretch webbing — combining for a harness that holds its shape for ease of donning.

It's been proven in the field — when workers wear DuraFlex and Python Harnesses properly, they are more comfortable, safer and more productive.

✓ Comfort That's Inventive

With the only lightweight, soft and stretchable webbing on the market, patented DuraFlex Harnesses can be worn all day comfortably. They conform to the shape of the worker so there is no bunching or binding.

✓ Ingenious Safety

DuraFlex Harnesses can be worn properly without sacrificing comfort. This improves compliance and safety on the jobsite.

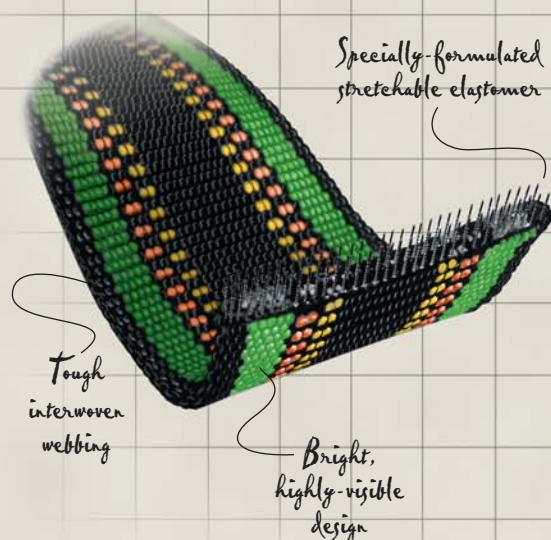
✓ Increases Productivity

It all adds up. Because DuraFlex Harnesses stretch for comfort and safety, this enables workers greater mobility with less fatigue and less downtime.

A relatively simple theory ... here's how it works

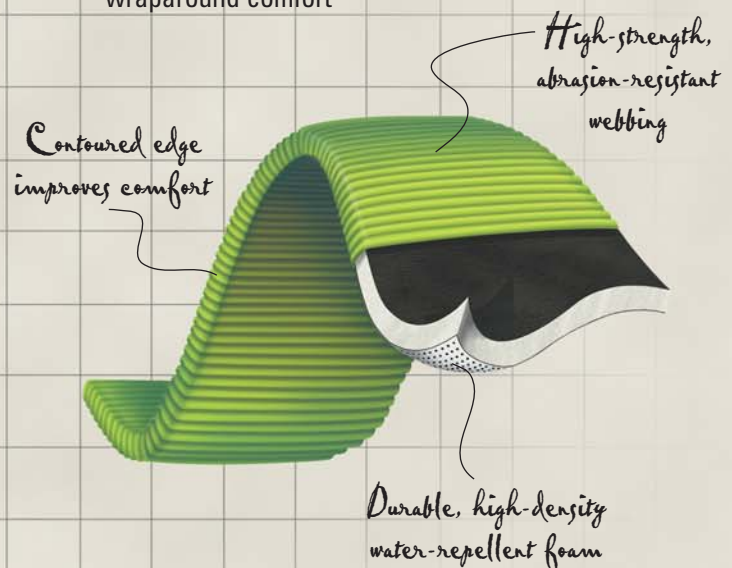
DuraFlex Stretchable Webbing

At the heart of our patented formula is innovative, flexible — yet durable webbing that **STRETCHES**.



Python Cushioned Webbing

Unique construction of cushioned webbing for wraparound comfort



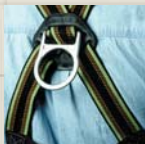
Miller® DuraFlex® Stretchable Harnesses

We've integrated comfort, safety and a host of design features into 10 standard harness models. With a variety of features, these harnesses can be used for construction, industrial maintenance, telecommunications and utilities, and other applications.

FEATURES



Lanyard Ring



Back D-Ring & Pad

Back Strap



Fully-Adjustable Design

Sub-Pelvic Strap

Teflon®HT Protection



Varying combinations of buckles available



Bright DuraFlex Designs

- Readily visible from a distance to enhance compliance on the jobsite
- Available in green or orange nylon webbing and blue polyester webbing for greater chemical resistance

1 Stretchable Webbing

- Provides maximum comfort and maneuverability
- Resists environmental effects to maintain its high-performance level
- 6,000 lb. tensile strength surpasses the standard

2 Convenience

- Lanyard ring allows user to attach the lanyard when not in use, minimizing hazards associated with the lanyard hanging freely
- Extra lanyard ring available on non-front D-ring harnesses for attaching two-legged lanyards

3 Enhanced Support

- Sub-pelvic strap distributes weight for added support after a fall

4 Fully-Adjustable

- Buckle adjustments in the shoulder, chest and leg straps ensure proper fit
- Varying combinations of friction, mating/quick-connect, and tongue/grommet buckles are available

5 Strength and Flexibility

- Forged steel back D-ring for maximum strength and dependability
- Soft, flexible D-ring pad for added comfort

6 Added Safety

- Back strap prevents user from falling out of the harness

7 User-Friendly

- Solid color leg straps help the wearer orient the harness for ease of donning

Chalking up comfort and performance

We carefully formulated every detail and each feature of the DuraFlex Harness to ensure that it would comfortably meet the needs of any work environment.



**Front D-Ring
Harness – E550**

Used for a variety of climbing, confined space and rescue applications















**Side D-Ring
Harness – E650-58**

Most commonly used for work positioning



Miller DuraFlex Harness Series E650*

DuraFlex Harness Model No.	Front D-Ring	Side D-Rings	Shoulder Strap Buckles	Leg Strap Buckles	CSA Group	Occupations/Use
E650	Option	No	Friction	Mating	A	
E650-4	Option	No	Friction	Tongue	A	
E650-7	Option	Yes	Friction	Mating	A,P	    
E650-58	Option	Yes	Friction	Tongue	A,P	    

*The DuraFlex Harness Series E650 also features built-in belt loops.

Occupations/Use Legend

 CONSTRUCTION	 PAINTER
 ROOFING	 POSITIONING/RESTRAINT
 SCAFFOLD	 UTILITY
 IRONWORKER	 UNIVERSAL
 INDUSTRIAL	 TELECOMMUNICATIONS
 WAREHOUSE	
















CSA Group Codes (Canada)

Full-Body Harnesses –
CSA STANDARD
Z259.10-M90

Classifications:

- A – Fall Arresting
- D – Controlled Descent
- E – Confined Space
- L – Ladder Climbing
- P – Work Positioning

Other Miller DuraFlex Harnesses

DuraFlex Harness Model No.	Front D-Ring	Side D-Rings	Shoulder Strap Buckles	Leg Strap Buckles	CSA Group	Occupations/Use
E550	Yes	No	Mating	Mating	A,D,L	
E552	Yes	Yes	Mating	Mating	A,D,L,P	   
E850	No	No	Friction	Mating	A	
E850-4	No	No	Friction	Tongue	A	
E850-7	No	Yes	Friction	Mating	A,P	   
E850-58	No	Yes	Friction	Tongue	A,P	   

Specialty DuraFlex® Harnesses

Construction Harness E650-77

The DuraFlex Construction Harness offers special value-added features ideal for construction applications, such as the permanently attached back pad with positioning side D-rings and a removable body belt.

Utility Harness E752

The Miller Utility Harness minimizes the amount of hardware above the waist to reduce electrical conductivity. In addition, the harness is independently thermal-arc tested to ensure superior performance.

Ms. Miller Harness E570

The Ms. Miller Harness is the only full-body harness on the market specifically designed for the female worker. The special design keeps shoulder straps at the side and away from the chest, offers better hip support, and increases comfort.















Tower Climbing Harness E650-88

The DuraFlex Tower Climbing Harness combines comfort and mobility with functional design. It features an attached body belt with positioning side D-rings and accessory rings, a back pad, and an enhanced saddle seat with D-rings and padding for extended positioning.

Warehouse Picker's Harness E850-2

The Warehouse Picker's Harness increases productivity and safety by preventing swing interference with the attached connecting device during warehouse operations. A unique D-ring web extension, tacked to the back strap of the harness, keeps components away from the worker's head.

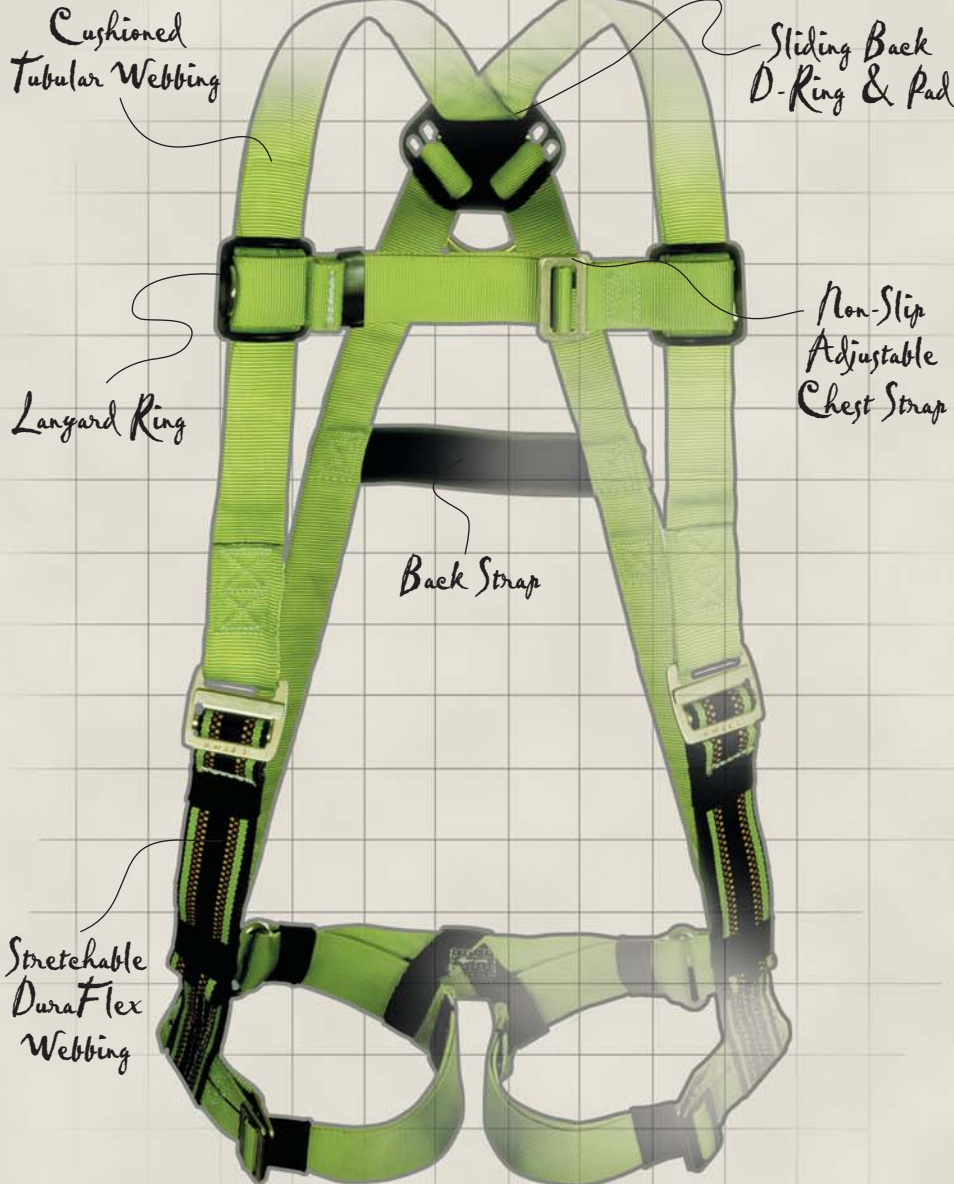
Miller Specialty DuraFlex Harnesses

DuraFlex Harness Model No.	Front D-Ring	Side D-Rings	Shoulder Strap Buckles	Leg Strap Buckles	Special Features	CSA Group	Occupations/Use
E650-77	Option	Yes	Friction	Tongue	Attached back pad, belt loops, body belt	A,P	  
E650-78	Option	Yes	Friction	Mating			
E650-88	Option	Yes	Friction	Mating	Attached body belt w/accessory rings, back pad, padded saddle seat w/D-rings	A,P	 
E650-89	Option	Yes	Friction	Tongue			
E570	No	No	Friction	Mating	Positioning loop, back/leg pads	A	   
E850-2	No	No	Friction	Mating	D-ring web extension	A	
E752	No	No	—	Mating	Web loop lanyard attachment, chest strap adjustment/protective pads, adjustable belt loops	A	 
E753	No	No	—	Mating	Web loop lanyard attachment, chest strap adjustment/protective pads, adjustable belt loops, self-rescue positioning loops	A	 

Miller® DuraFlex® Python Harnesses ... a variation on a proven theory

The new Miller® DuraFlex® Python™ Harness equals comfort. With its unique construction of cushioned, stretchable and lightweight webbing, your workers will barely know they're wearing it.

FEATURES



Wraparound comfort ... here's how it works

The Python Harness is the next generation of the patented DuraFlex Harness series. The shoulder straps are constructed of soft, cushioned tubular webbing; the lower torso straps of specially-formulated DuraFlex stretchable webbing; and the leg straps of lightweight, non-stretch webbing. In this combination, the Python Harness not only increases overall comfort, but holds its shape for ease of donning.

1 Cushioned Tubular Webbing Shoulder Straps

- Soft, rounded cushioned webbing minimizes possible irritation around the neck and shoulders
- Reduces stress to shoulders when using a tool belt
- No bunching, binding or kinking; improves comfort
- High visibility colors for added safety

2 DuraFlex Webbing Torso Straps

- Stretches with body movement for greater flexibility, mobility and less fatigue; in addition to providing added comfort
- Eliminates the need to frequently adjust; better fitting to increase productivity



3 Tangle-Free Design

- Holds shape for easier donning



Friction Buckle



Mating Buckle





































Tongue Buckle

Varying combinations of buckles available

Thinking about comfort?

Select from ten different models that feature fully-adjustable designs with cushioned comfort in the shoulders and stretchable comfort in the torso.

Miller DuraFlex Python Harnesses

Python Harness Model No.	Side D-Rings	Tool Belt Loops	Leg Strap Buckles	CSA Group	Occupations/Use
P950	No	No	Mating	A	
P950-4	No	No	Tongue	A	
P950-7	Yes	No	Mating	A,P	   
P950-58	Yes	No	Tongue	A,P	   
P950-77*	Yes	Yes	Tongue	A,P	     
P950-78*	Yes	Yes	Mating	A,P	     
P950-94	No	Yes	Mating	A	
P950-95	No	Yes	Tongue	A	
P950-96	Yes	Yes	Mating	A,P	    
P950-97	Yes	Yes	Tongue	A,P	    

*Also features built-in loops, removable tool belt, and 6 in. back pad.



High Visibility Colors

Available in green nylon or blue polyester cushioned tubular webbing

WRAP AROUND
COMFORT



Occupations/Use Legend


	CONSTRUCTION		PAINTER
	ROOFING		POSITIONING/RESTRAINT
	SCAFFOLD		UTILITY
	IRONWORKER		UNIVERSAL
	INDUSTRIAL		TELECOMMUNICATIONS
	WAREHOUSE		

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DuraFlex Python Harnesses meet all applicable OSHA, ANSI and  requirements.
U.S. Patent no. 6,006,700 and other U.S. and Canadian patents pending.



Completing the Fall Protection Equation

While comfort and safety combine for increased productivity with DuraFlex Harnesses, we've also developed a full line of connecting devices, anchorages and training programs to provide the complete fall protection solution.

Miller® BackBiter™ Tie-Back Lanyards

- All-in-one lanyard with SofStop® Shock Absorber and cross-arm anchorage connector with the only 5K™ Snap Hook able to withstand a 5,000 lb. gate load capacity from any angle

Miller® Manyard® II Shock-Absorbing Lanyards

- Innovative stretchable webbing lanyards offer greater maneuverability and safety while minimizing potential tripping hazards

Miller® MiniLite™ Fall Limiter

- Compact, lightweight self-retracting lifeline arrests a free fall within inches

Miller® MightyLite Self-Retracting Lifelines

- A complete line of self-retracting lifelines available for any application with no annual factory recertification required

Miller/Troll™ Fall Prevention and Protection Training ToolBox™

- A comprehensive training kit designed for safety professionals responsible for fall prevention and protection training

For additional DuraFlex product and ordering information, call Miller Customer Service to request your FREE full-color, 40-page "Gravity Kills...Defy It!" catalog.



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

MILLER

by Honeywell

 **Ask the Expert ... Ask Miller.**

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www.millerfallprotection.com

For more information or to place an order,
please contact your Miller® distributor:

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