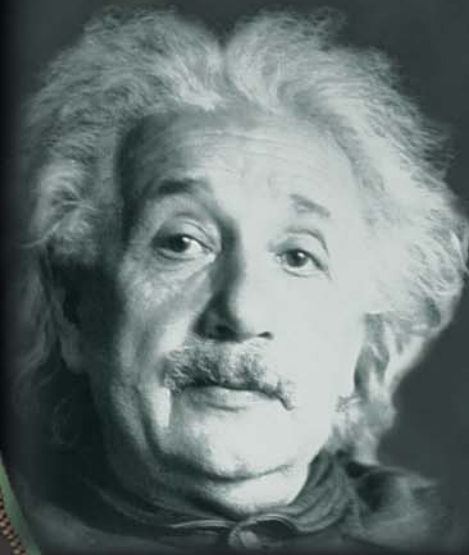


# Miller® DuraFlex® Stretchable Harnesses

A theory that's...

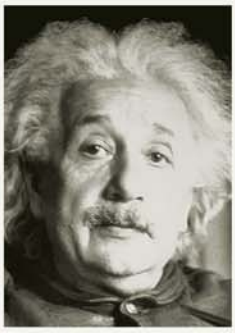
COMFORT + SAFETY  
= PRODUCTIVITY<sup>2</sup>



...relatively simple!

**MILLER**  
by SPERIAN

# Miller® DuraFlex® Stretchable Harnesses... a relatively simple theory



Einstein's theories about gravity brought innovation to science.

COMFORT + SAFETY = PRODUCTIVITY<sup>2</sup>



At Dalloz Fall Protection, we defy some of gravity's universal pull with innovations in fall protection. We've theorized that workers would more-readily wear a *comfortable* harness, and wear it correctly. As a result, we've designed the patented DuraFlex® Full-Body Harness that *stretches* with every movement.

Our exclusive specially-formulated elastomer webbing allows greater freedom of movement, and offers improved comfort and overall safety. It's been proven in the field – when workers wear DuraFlex Harnesses properly, they are more comfortable, safer and more productive.

Here's what some actual DuraFlex users have to say...

*"Non-compliance has always been a big safety issue. Finally, we can give our workers safety equipment that they'll want to use."*

Robert Doyle  
Owner  
Doyle General Contracting

*"We have some people who are really tough on these things, and the heavy duty construction provides a long service life."*

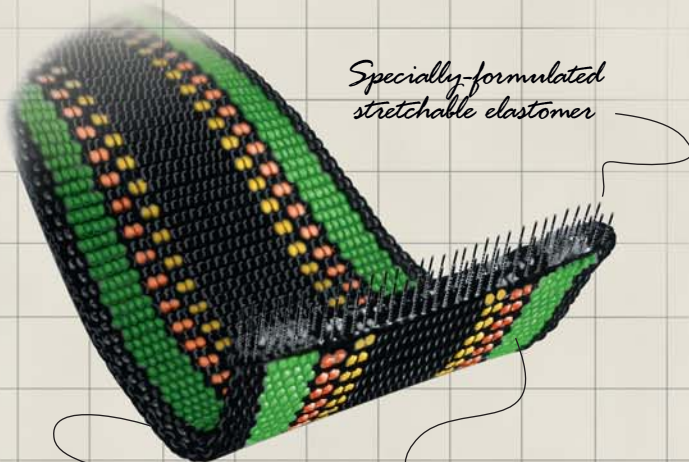
Neal Timmons  
Corporate Safety Director  
Western Summit Inc.

*"Miller DuraFlex harnesses are so comfortable, our men keep them on all day. This improves safety, productivity and the bottom line."*

Jim Jamison  
Owner and Vice President  
Jamison Contracting

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

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



*Tough interwoven webbing*

*Bright, highly-visible design*

### 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

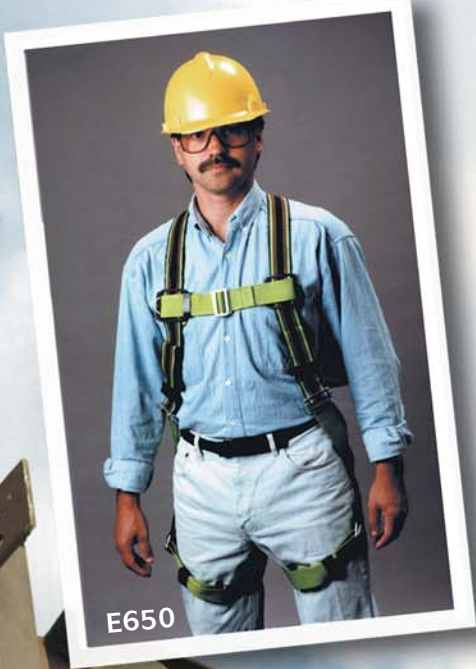
DuraFlex Harnesses can be worn properly without sacrificing comfort. This improves compliance and safety on the jobsite.

### 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.

## Miller® DuraFlex® Stretchable Harnesses

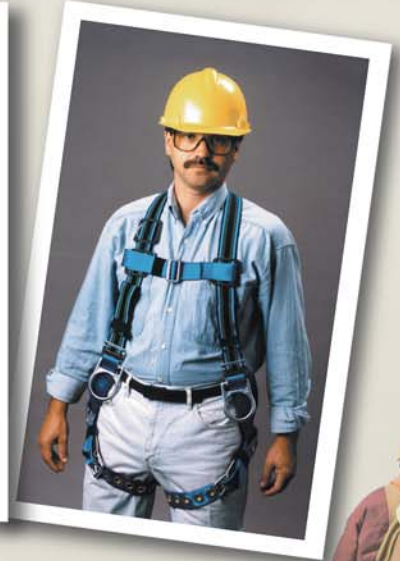
We've integrated comfort, safety and a host of design features into 10 standard harness models. With a variety of features, these harnesses can be used for construction, industrial maintenance, telecommunications and utilities, and other applications.



E650



**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



# STRETCHABLE

## 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.



## Occupation/Use Legend

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













### 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

## 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.

## 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	   

## 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	 

\*In Canada, utility harnesses include a back D-ring extension in place of the web loop to meet CSA requirements.

# 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. Here are just a few of the benefits you can expect from a DuraFlex Harness:

## FEATURES



Lanyard Ring



Back D-Ring & Pad

Fall Indicator



Back Strap



Fully-Adjustable Design

Sub-Pelvic Strap



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
- Fall indicator/warning flag deploys in the event of a fall to indicate that the harness should be removed from service

DuraFlex Harnesses meet all applicable OSHA, ANSI and  requirements.

# 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**

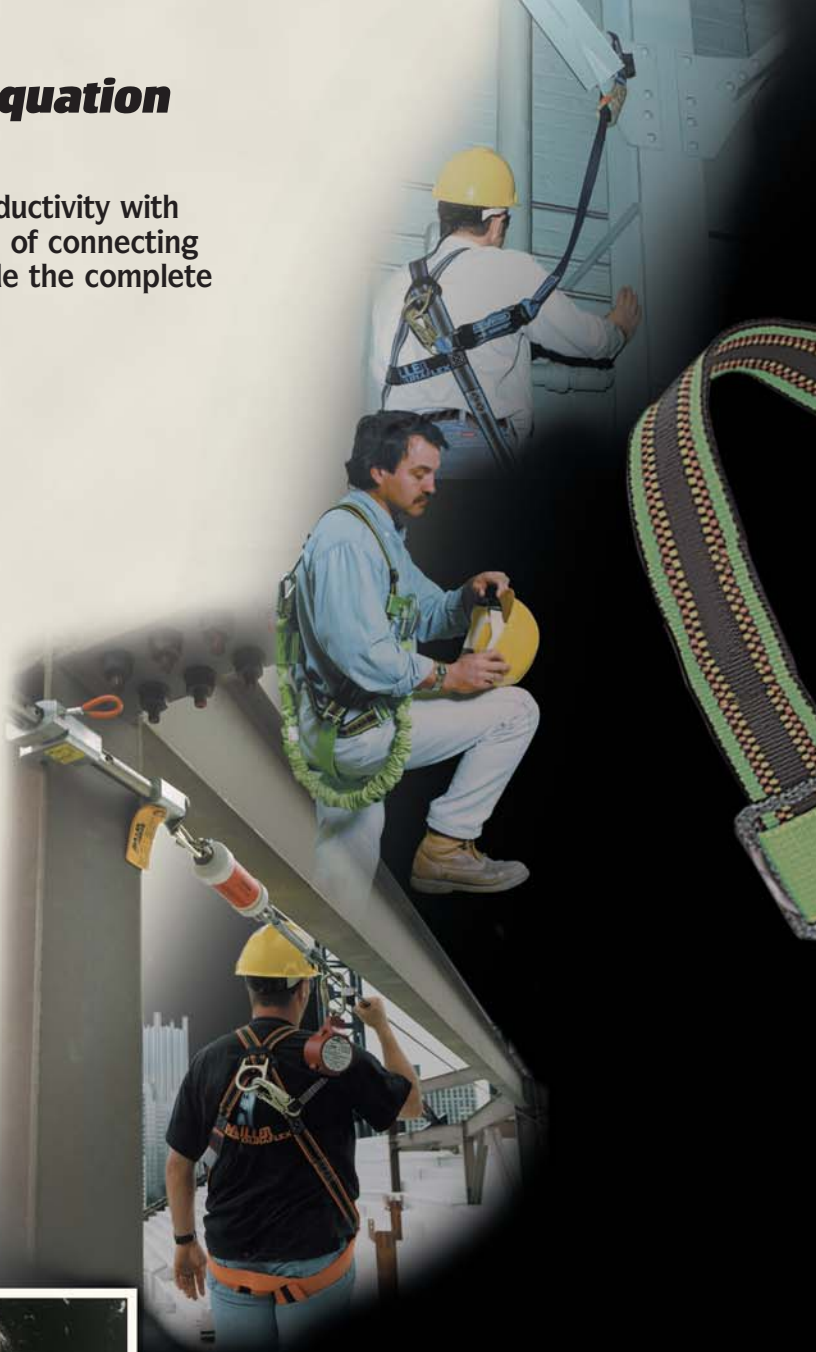
- A complete line of self-retracting lifelines available for any application with no annual factory recertification required

## **Miller Fall Prevention and Protection Training Toolbox™**

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



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

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 SPERIAN

▶ Ask the Expert ... Ask Miller.

800/873-5242  
or 814/432-2118

Fax 800/892-4078  
or Fax 814/432-2415

www.millerfallprotection.com



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