

# ArcSafe™ Fall Protection Products



**MSA**  
The Safety Company



## Certified to the ASTM F887-05 standard

- ➔ Designed to meet the needs of utility and maintenance workers
- ➔ 9,500 lb. nylon harness webbing for added security
- ➔ Choice of vest or cross-chest harness style
- ➔ Optional front attachment loops on harness for climbing, personnel riding, or rescue applications
- ➔ Choice of Qwik-Fit™ or Tongue-Buckle leg straps on harness
- ➔ Choice of single-leg or twin-leg shock-absorbing lanyard

### ArcSafe Harness

The ArcSafe harness is SEI-certified to the requirements of the ASTM F887-05 standard for arc flash protection up to 40 cal/cm<sup>2</sup>

### Additional features

#### For safety:

- Nylon web loop attachment points
  - Reduce overall harness weight
  - Reduce metallic components
- Meets all applicable OSHA regulations and ANSI Z359.1 & A10.32 standards
- Certified to CSA Z259.10-M90 classes A, D, L, P

#### For versatility & comfort:

- Y-shaped back web loop locator pad
  - Allows for effortless adjustment of the back web loop
  - Provides comfort by moving the webbing away from the wearer's neck
- Color-coded torso straps to simplify donning
- Downward-adjusting torso straps to ease adjustment
- Optional integral shock-absorber

### Applications:



- Work at heights near energized electrical sources includes power transmission tower climbing, RF and telecommunication tower climbing, installation and repair of roof-mounted electrical equipment, and in-plant maintenance and repair of electrical machinery.
- Work in confined spaces that might call for MSA's ArcSafe Harness includes maintenance within electrical vaults, work performed in electrical runs or cargo holds of ocean-going ships, work in trenches with exposed electrical cables, and maintenance and repair inside pressure vessels.



Front attachment loops can be tucked away when not in use

Available with Integral Shock-Absorber

Hip Loops for Work Positioning

**ArcSafe Cross-Chest Harness**

**ArcSafe Vest-Style Harness**

**ArcSafe™ Shock-Absorbing Lanyard**

The ArcSafe shock-absorbing lanyard is SEI-certified to the requirements of the ASTM F887-05 standard for electrical arc flash protection up to 40 cal/cm<sup>2</sup>.

- Limits fall arrest forces to 900 pounds or less
- Constructed of nylon webbing
- Includes sewn loop on shock-absorber end, and LS snaphook on lanyard leg
- Incorporates a protective cover over the shock-absorber
- Adjustable in length

*Single-Leg Shock-Absorbing Lanyard*



*Twin-Leg Shock-Absorbing Lanyard*



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## ArcSafe Vest-Style Harnesses

All styles include Back Web Loops and Qwik-Fit Chest Strap

PART NUMBER	SIZE				LEG BUCKLES		ATTACHMENT POINTS		INTEGRAL SHOCK ABSORBER	BELT LOOPS
	XSM	STD	XLG	SXL	QWIK-FIT	TONGUE	HIP	FRONT		
10070422	X					X	X	X		
10070423		X				X	X	X		
10070424			X			X	X	X		
10070425				X		X	X	X		
10070426	X					X				
10070427		X				X				
10070428			X			X				
10070429				X		X				
10070430	X				X					
10070431		X			X					
10070432			X		X					
10070433				X	X					
10070434	X				X				X	
10070435		X			X				X	
10070436			X		X				X	
10070437				X	X				X	
10070438	X				X		X	X		
10070439		X			X		X	X		
10070440			X		X		X	X		
10070441				X	X		X	X		
10070442	X				X		X			
10070443		X			X		X			
10070444			X		X		X			
10070445				X	X		X			
10070446	X					X		X	X	X
10070447		X				X		X	X	X
10070448			X			X		X	X	X
10070449				X		X		X	X	X
10070450	X					X	X			X
10070451		X				X	X			X
10070425			X			X	X			X
10070453				X		X	X			X

## ArcSafe Shock-Absorbing Lanyards

Both styles are adjustable in length from 4' to 6'

PART NUMBER	HARNESS CONNECTION	ANCHORAGE CONNECTION	TYPE	
			TWIN	SINGLE
10060139	Sewn Loop	LS Snap		X
10060140	Sewn Loop	(2)LS Snap	X	

## ArcSafe Cross-Chest Harnesses

All styles include Back Web Loops

PART NUMBER	SIZE				LEG BUCKLES		ATTACHMENT POINTS		INTEGRAL SHOCK ABSORBER	BELT LOOPS
	XSM	STD	XLG	SXL	QWIK-FIT	TONGUE	HIP	FRONT		
10070458	X					X	X			X
10070459		X				X	X			X
10070460			X			X	X			X
10070461				X		X	X			X
10070462	X					X	X	X		
10070463		X				X	X	X		
10070464			X			X	X	X		
10070465				X		X	X	X		
10070466	X					X	X		X	
10070467		X				X	X		X	
10070468			X			X	X		X	
10070469				X		X	X		X	
10070470	X				X		X	X		
10070471		X			X		X	X		
10070472			X		X		X	X		
10070473				X	X		X	X		
10070474	X					X				
10070475		X				X				
10070476			X			X				
10070477				X		X				
10070478	X					X			X	X
10070479		X				X			X	X
10070480			X			X			X	X
10070481				X		X			X	X
10060113	X				X			X	X	
10060114		X			X			X	X	
10060115			X		X			X	X	
10060116				X	X			X	X	
10060108	X				X			X		
10060110		X			X			X		
10060111			X		X			X		
10060112				X	X			X		
10060104	X				X				X	
10060105		X			X				X	
10060106			X		X				X	
10060107				X	X				X	
10060100	X				X					
10060101		X			X					
10060102			X		X					
10060103				X	X					
10074529	X				X			X		
10074530		X			X			X		
10074561			X		X			X		
10074562				X	X			X		
10074563	X				X			X		X
10074564		X			X			X		X
10074565			X		X			X		X
10074566				X	X			X		X

**Note:** This Bulletin contains only a general description of the products shown. While uses and performance capabilities are described, under no circumstances shall the products be used by untrained or unqualified individuals and not until the product instructions including any warnings or cautions provided have been thoroughly read and understood. Only they contain the complete and detailed information concerning proper use and care of these products.



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