

# Micro-Loc™ Hot Work

Personal Self Retracting Lanyard

42xx1xx Series



The best protection for  
extreme construction  
environments



HIGHER STANDARDS IN PERSONAL FALL PROTECTION

Introducing the new Reliance Fall Protection Micro-Loc™ Hot Work Personal Self Retracting Lanyard.

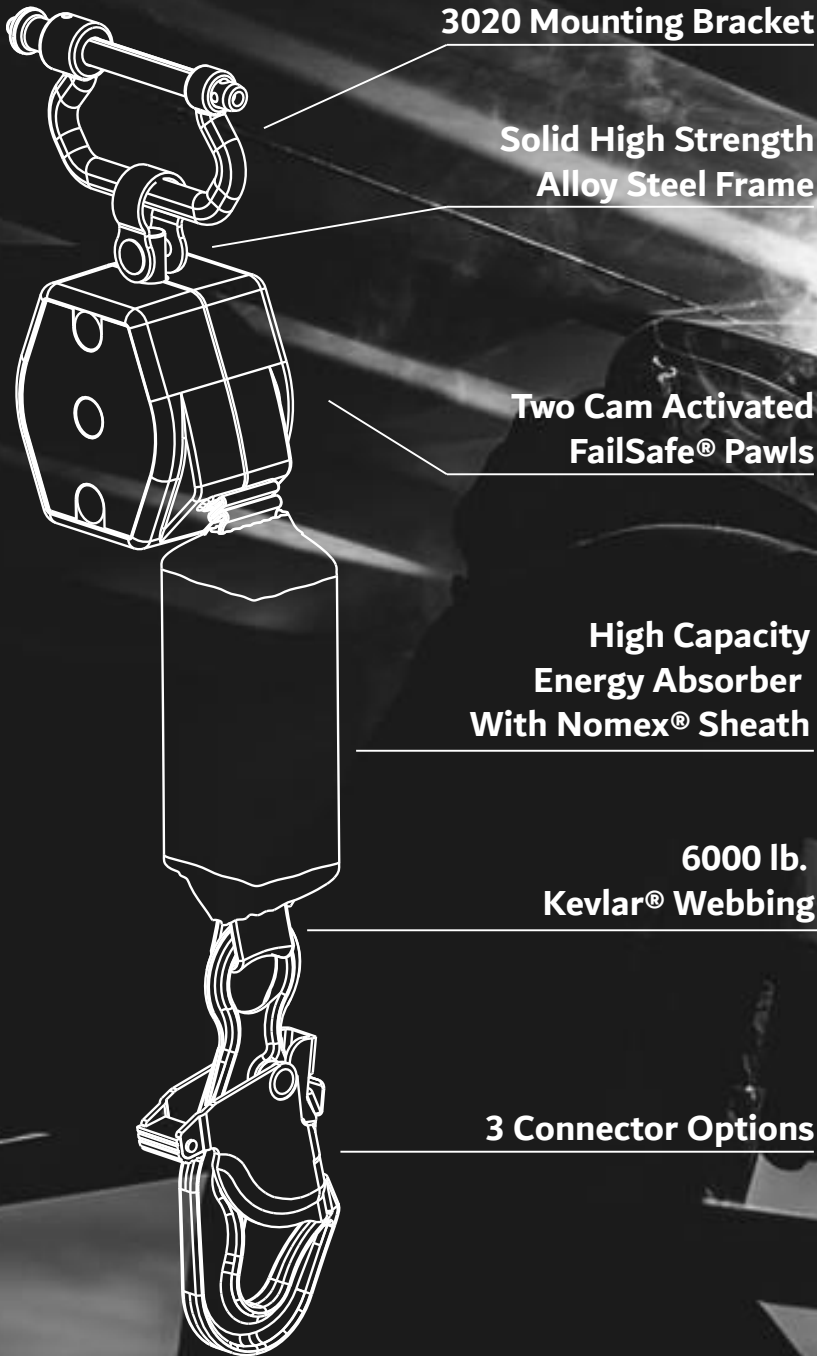
The Micro-Loc™ Hot Work was designed to offer you versatility in most construction situations. When you have hot work being performed, You not only have to protect the person doing the work but, also everyone around.

Reliance is proud to offer a solution that is affordable enough to ensure that all your workers are protected in these situations.

It exceeds OSHA requirements in Subparts I and M as well as all ANSI/ASSP Z359.14 Class B requirements, with shorter activation and arrest distances. The Micro-Loc™ Hot Work will keep workers safe without overburdening them or your bottom line.



Not intended for leading edge use. Always ensure that there are no obstructions or edges which could cause damage the webbing in the event of a fall.



**3020 Mounting Bracket**

**Solid High Strength Alloy Steel Frame**

**Two Cam Activated FailSafe® Pawls**

**High Capacity Energy Absorber With Nomex® Sheath**

**6000 lb. Kevlar® Webbing**

**3 Connector Options**

Available in both single and twin configurations (with the included 3020 mounting bracket), you can ensure 100% tie-off fall protection.

The Micro-Loc™ features a full wrap around high strength alloy steel frame, giving it unparalleled strength.

Two Cam Activated FailSafe® pawls that have 10 locking opportunities per drum revolution, guarantees locking even in the harshest environments.

A high capacity energy absorber that gives you confidence when you must anchor below the dorsal d-ring.

Three connector options give you the flexibility you need to meet whatever your job site requires.

## Anchorage Locations and Fall Clearances

		Anchorage Offset From Back D-Ring												
		6'	5'	4'	3'	2'	1'	0'	1'	2'	3'	4'	5'	6'
Anchorage Level Above Back D-Ring	6'							3.0						
	5'				3.5	3.5	3.0	3.0	3.0	3.5	3.5			
	4'			4.5	4.0	3.5	3.5	3.0	3.5	3.5	4.0	4.5		
	3'		5.5	5.0	4.5	4.0	3.5	3.5	3.0	4.0	4.5	5.0	5.5	
	2'		5.5	5.0	4.5	4.0	3.5	3.5	3.0	4.0	4.5	5.0	5.5	
	1'		6.0	6.0	5.5	5.0	4.5	4.5	4.0	4.5	5.0	6.0	6.0	
Back D-Ring	0	7.0	6.5	6.0	5.5	5.0	4.5	4.5	4.0	5.0	6.0	6.5	7.0	
Anchorage Level Below Back D-Ring	1'	9.5	8.5	8.0	7.5	7.0	6.5	6.0	6.0	7.0	8.0	8.5	9.5	
	2'	10.5	10.0	9.0	8.0	8.0	8.5	8.5	8.5	9.0	9.0	10.0	10.5	
	3'	12.0	11.0	10.5	10.0	10.0	10.5	10.5	10.5	10.5	10.5	11.0	12.0	
	4'		12.5	12.0	11.5	11.5	11.5	11.5	11.5	11.5	12.0	12.5		
	5'			13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0			
	6'													14.0

Clearance required between working surface and nearest obstruction in feet. Note: Includes 2 ft. safety factor.

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# Micro-Loc™ Hot Work Personal Self Retracting Lanyard

## Micro-Loc™ Hot Work Specifications:

Lifeline Web: 6,000 lb. Kevlar®  
 Frame: High Strength Alloy Steel  
 Swivel: High Strength Alloy Steel  
 Main Spring: Texture Rolled Carbon Steel  
 Housing: ABS Thermoplastic  
 Pawls: Hardened Stainless Steel  
 Sperrad: High Strength Alloy Steel  
 Housing Dimensions: 3.5"x2.5"x3.4"

## Performance Specifications:

Overhead Arrest Distance: 24" or less  
 Below D-Ring Arrest Distance: 54" or less  
 Average Arrest Force: 900 lbs. or less  
 Max Arrest Force: 1,800 lbs. or less

Maximum Working Capacity:  
 400 lbs. (Including tools and equipment)

## Micro-Loc™ Hot Work Part Numbers and Options

Part #	Working Length	Weight	Configuration	Hook Type
4255106-1	6' 1.8m	2.10 lb. 0.95 kg	Single	3006WR Pelican Snap Hook
4256106-1	6' 1.8m	2.85 lb. 1.30 kg	Single	3011WR Lightweight Rebar Hook
4258106-1	6' 1.8m	1.75 lb. 0.80 kg	Single	High Strength Aluminum Carabiner
4265106-1	6' 1.8m	4.60 lb. 2.10 kg	Twin (includes 3020 bracket)	3006WR Pelican Snap Hook
4266106-1	6' 1.8m	6.10 lb. 2.80 kg	Twin (includes 3020 bracket)	3011WR Lightweight Rebar Hook
4268106-1	6' 1.8m	3.90 lb. 1.80 kg	Twin (includes 3020 bracket)	High Strength Aluminum Carabiner

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(888)-362-2826



www.relsafe.com