



SUPER ANCHOR SAFETY®

SAS Synthetic Lifelines Instruction/Specification Manual 05-2024

ENGLISH
VERSION

!WARNING TO USER!

You are required to read and use the Instruction/Specification manual supplied at the time this device was shipped. Improper use and installation can result in serious injury or death. Follow inspection requirements before each use.

Specifications of Use

Personal Fall Arrest System (PFAS) including tools and equipment for one person use only.
Specified for fall arrest, fall restraint and work positioning.
Max. free fall: 6ft. Max. user wt.: 310lb
Working Temperatures: -30°F[37°C] to 130°F[54°C]

Compliance

OSHA 1926.502, ANSI Z359.1-07/15-14

Connector Compliance

ANSI-Z359.12-2009 CSA-Z259.12-11

Snaphook class 1 connector 3,600lb gate strength

SAS = Super Anchor Safety **X** Inspection Points

Rope Grab = Fall arrester, integral adjuster, Super/Value Grab.

*OSHA definition: "Qualified or Competent Person"

Hazard Warnings! DO NOT come in contact with:

- Sharp or abrasive edges or cutting tools
- Electrical sources and power lines
- Open flame, high heat or hot asphalt
- Adhesives, gasoline, diesel, kerosene, solvents, acids, caulking, paint or stains
- Cleaning agents or any chemicals that are damaging to polyester or to zinc plated steel

Compatible Rope Grabs

Fig.5

No.4015 SuperGrab™**

7/16" Nylon/polyester.
Dual direction locking.
Captive do not remove.
Tensile strength 7,400lb.
Max. deceleration 12".



Lifeline A-end

↑
Locks
Both
Directions
↓

Fig.6

No.4015-V ValueGrab™**

7/16" Nylon/polyester.
Dual direction locking.
Captive do not remove.
Tensile strength 7,400lb.
Max. deceleration 12".



Lifeline B-end

Fig.7

No.4015-M Integral Adjuster

Zinc plated steel.
Fits 5/8" d. synthetic rope.
Single direction locking.
Captive do not remove.
Breaking strength 3,600lb.
Max. deceleration 24".



Lifeline A-end

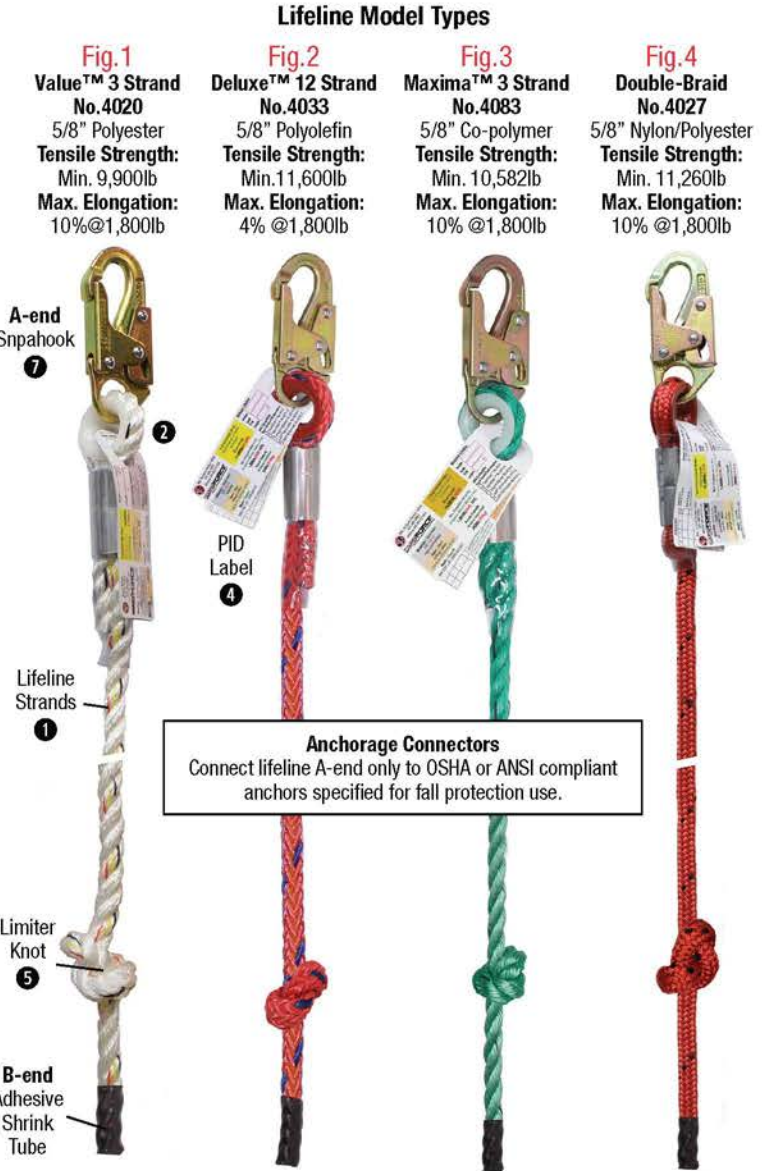
↓
Locks
One
Direction
Only
↓

Lifeline B-end

Fig.8

No.4015-Z/C Fall Arrester

Z=Zinc plated steel. C=st.
Fits 5/8" d. synthetic rope.
Single direction locking.
Removeable.
Breaking strength 3,600lb.
Max. deceleration 39".



Lifeline Model Types

Fig.1

Value™ 3 Strand No.4020

5/8" Polyester
Tensile Strength:
Min. 9,900lb
Max. Elongation:
10% @1,800lb

Fig.2

Deluxe™ 12 Strand No.4033

5/8" Polyolefin
Tensile Strength:
Min.11,600lb
Max. Elongation:
4% @1,800lb

Fig.3

Maxima™ 3 Strand No.4083

5/8" Co-polymer
Tensile Strength:
Min. 10,582lb
Max. Elongation:
10% @1,800lb

Fig.4

Double-Braid No.4027

5/8" Nylon/Polyester
Tensile Strength:
Min. 11,260lb
Max. Elongation:
10% @1,800lb

Anchorage Connectors
Connect lifeline A-end only to OSHA or ANSI compliant anchors specified for fall protection use.

A-end Snaphook

Lifeline Strands

Limiter Knot

B-end Adhesive Shrink Tube

Limiter Knot

- 1) Use to gauge free fall length by adjusting position on the lifeline. See Length of Fall (LOF) pg 4.
- 2) Prevents rope grab from unintentional lifeline disengagement.

Warning! The limiter knot is required for use with SAS lifelines.

Fall Arrester/Integral Adjuster Compliance:

ANSI Z359.1-07/OSHA 1926.502

SuperGrab/ValueGrab Compliance:

ANSI Z359.12-2009

**Dept. of Labor compliance letter.

Fig.9

Aluminum Swage A-end Termination

Aluminum sleeve min. strength 5,000lb



Clear PVC Shrink Tube Cover

Storage/Maintenance/Modification

- Store in dry area only away from vermin
- Do not store wet in confined space
- Clean with compressed air or brush
- Do not alter original length or attach components mfg. by others