



## AKTION SAFETY SOLUTIONS PVT. LTD.

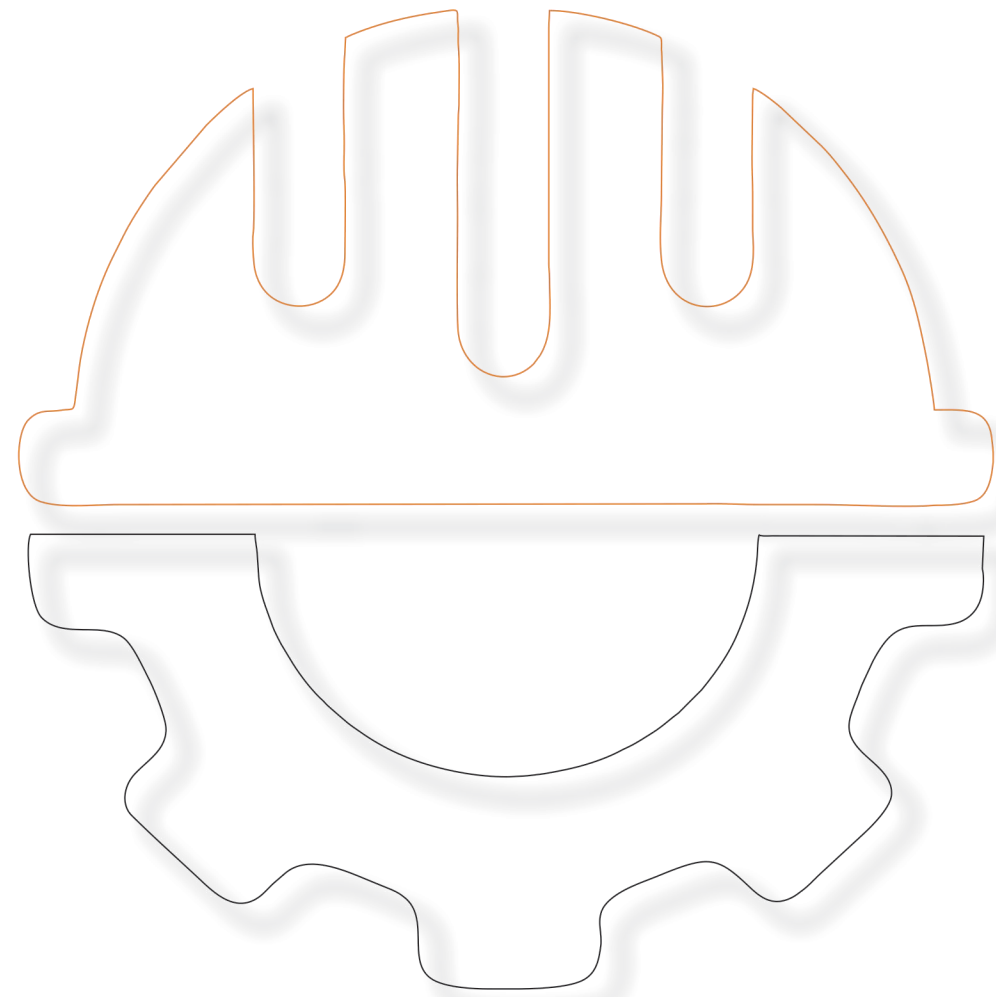
### Corporate Office

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## DISCLAIMER

The information provided in this catalog is based on technical data that AKTION obtained under its laboratory conditions and believes to be reliable. AKTION does not guarantee results and take no liability or obligation in connection with this information. Since conditions of end-use are beyond our control. It is the user's responsibility to determine the hazard levels and the use of proper safety products. Persons having technical expertise should undertake evaluation under their specific end-use conditions, at their discretion and risk. Please ensure that this information is only to check that the product selected is suitable for the intended use. Any that is damaged, torn, worn, or punctured should be discontinued from usage immediately.

**Note:** There may be a slight variation in the actual colour due to photos taken in under different light conditions.

**Note:** AKTION can change any product and size without any notice.

## MISSION

Our mission is to design, manufacture, and provide high-quality safety products, and complete knowledge of safety to the millions of workers working in industrial environments to protect themselves from various hazards, prevents accidents, and promote a culture of safety in every working environment. We are committed to innovation, sustainability, and customer satisfaction in all that we do.

## VISION

At AKTION, our vision is to create a safer world for every worker, Individual, workplace and community where people can do their work without any fear of accidents or hazards by providing them world-class standards safety products which are manufactured under cost effective, safe and systematic processes.

## VALUES

- ◆ **Integrity** – We act with honesty, transparency, and ethical behavior in all our operations.
- ◆ **Innovation** – We constantly seek new and improved ways to enhance safety and effectiveness in our products and services.
- ◆ **Team Work** – We value our culture, one of participation and building strong partnerships across our organization and our customers.
- ◆ **People** – We believe the long-term success of our employees directly correlates to the long-term success of the business. We recognize that sustainability and culture are directly linked and our employees are the key source of our success.
- ◆ **Environmental responsibility** – We are committed to reducing our environmental footprint and promoting sustainable practices.
- ◆ **CSR** - AKTION Has a Corporate social responsibility strategy to not just grow profits, but also we take an active and positive social roles in the world.



AKTION is an ISO 9001:2015: certified company and 1st CE certified company in the field of Road Safety products and Lock Out Tag Out devices in India. AKTION is committed to meeting customers requirements and increasing customer satisfaction through continuous improvement of its products, services and the quality management system. The quality assurance team ascertains that each process and product undergoes stringent quality checks. We also adhere by all applicable and obligatory standards of the industry. Commitment to quality, consistency and providing best quality products to customers.

### An ISO 9001 : 2015 Certified Company



Standards	Category
IS 2925 : 1984	Safety Helmet
IS 15809 : 2017	High Visibility Warning Cloth
IS 3521(Part 1) : 2021	Full Body Harness
IS 15298(Part 2) : 2016	Safety Shoes
EN 358 : 2018	Work Positioning Belt & Lanyards
EN 361 :2002	Full Body Harness
EN 813 : 2008	Sit Harness
EN 362 : 2004	Hooks & Connectors
EN 354 : 2010	Lanyards
EN 355 : 2002	Energy Absorbers
EN 353-2 : 2002	Fall Arrestor Including Anchorage Line
EN 360 : 2002	Retractable Type Fall Arrestor
EN 471	High Visibility Warning Cloth
EN 12899-1-2007	Traffic Cones, Spring Posts.
EN-954-1, EN 13319-2000	Lock Out Tag Out Devices
IS 15683 : 2006	Fire Extinguisher



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# OUR JOURNEY



Started our journey with Road Safety Division.

2004

New segment of PPE's was brought in with ISI Safety Helmets.

2009

The Increasing demand of our products in market made us capable to introduce manufacturing unit of Safety Shoes in 20000 sq. ft. build up area in Bawana Indl. Area.

2011

After getting our first certification, we achieve the ISI certifications of Safety Shoes.

2013

Introduces Lockout Tagout Devices with CE certification in its vast range of products.

2015

Setup a new manufacturing unit of fall protection with IS 3521 standard and also setup multiple sales & marketing offices in India.

2017

Expanding our presence across international markets, starting with a strong foothold in the Middle East region.

2025

2007

Established Manufacturing unit of 45000 Sq. ft. in Greater Noida.

2010

After successful accomplishment in Road Safety & Safety Helmet. Aktion initiated an endeavor in Safety Nets & Safety Jackets.

2012

AKTION becomes the First Indian company to achieve CE certifications in Road Safety.

2014

Upgrading to latest technology in manufacturing & setup its own testing facility to enhance the quality and production capacity according to standards and demands.

2016

Aktion entered into international market and started exporting products.

2021

To complete the Personal Protective Equipment range, Aktion setup a manufacturing unit in Bawana indl. Area. Equipped with latest technology for Fall Protection Equipment manufacturing.

# HEAD PROTECTION

Head Protection is required in almost every industry where there is a risk of being injured from falling objects or when working in areas of restricted head space. AKTION range of safety helmets offers the combination of exceptional comfort, simple integration of additional personal protective equipment and modern stylish design.

## SAFETY HELMET FEATURES

IS 2925:1984

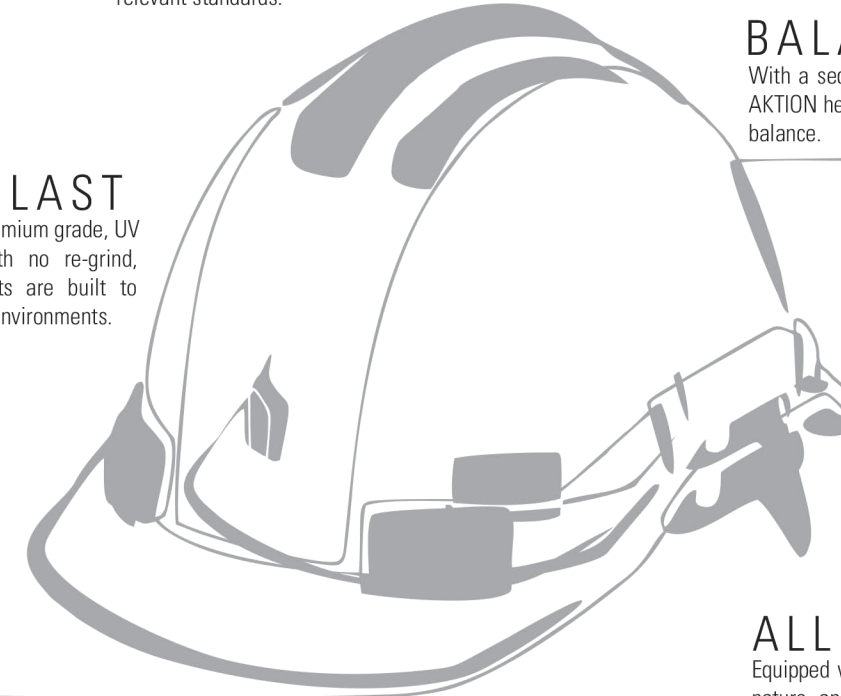


### TESTED & CERTIFIED

AKTION safety helmets are tested and certified to all relevant standards.

### BUILT TO LAST

Material from virgin premium grade, UV stabilized polymer with no re-grind, AKTION safety helmets are built to withstand toughest of environments.



### BALANCED & STABLE

With a secure head harness and low profile designs, AKTION helmets deliver maximum stability and perfect balance.

### EXTENSIVE PPE CONNECTIVITY

Quickly adaptable in field to changing industrial hazards, AKTION Safety Helmets are designed seamlessly protects users in combination with eye, face and Hearing Protection.

### ALL DAY COMFORT

Equipped with all the features of light weight, rigid nature, and comfortable in wearing, AKTION safety helmets can be worn continuously for long durations.

### PERFORMANCE AND PROTECTION

Prepared for real-life harsh industrial conditions, AKTION safety helmets minimize and effectively disperse the impact forces.

## TESTING

### TESTED & CERTIFIED

IS 2925:1984



HUMIDITY CHAMBER



SHOCK ABSORPTION TEST



PENETRATION TEST

IS 2925:1984

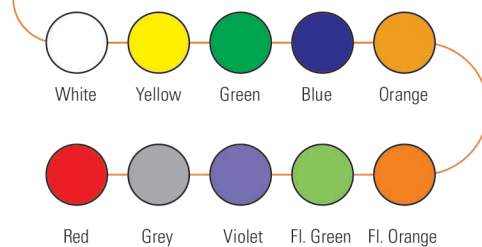


**AKH-02 SPECIFICATION**

AKTION Helmets, specially designed to meet the demanding requirements of both construction and industrial needs with both safety and comfort in mind. Conforms to ISI, EN standards which can be used in the toughest of conditions to provide the highest level of safety

Certified to :	IS 2925:1984, CE 397:2012
Type :	Ratchet Type
Size :	Adjustable to suit most head sizes.
Ideal for use :	Construction industry and in all other industries where there is a risk of being injured from falling objects or when working in areas with restricted head space.
Additional Features :	Ear muffs, Face shield, Torch Light, Induction Tester
Optional :	AKTION Safety Helmets are an ideal product to display your company logo upon. With large branding areas and multi positions, logos can be printed to offer a professional corporate identity.

**COLOR OPTIONS**

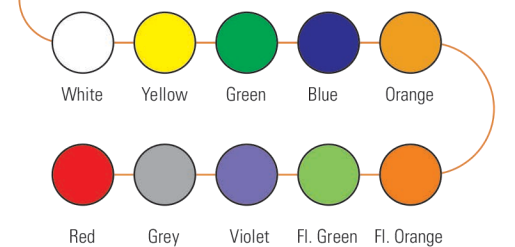


**AKH-03 (Ventilation) SPECIFICATION**

AKTION Helmets, specially designed to meet the demanding requirements of both construction and industrial needs with both safety and comfort in mind. Has Ventilation system for better inward and outward of Airflow.

Certified to :	EN 397 : 2012
Type :	Ratchet Type
Size :	Adjustable to suit most head sizes.
Ideal for use :	Construction industry and in all other industries where there is a risk of being injured from falling objects or when working in areas with restricted head space.
Additional Features :	Ear muffs, Face shield, Torch Light, Induction Tester
Optional :	AKTION Safety Helmets are an ideal product to display your company logo upon. With large branding areas and multi positions, logos can be printed to offer a professional corporate identity.

**COLOR OPTIONS**



# FOOT PROTECTION

AKTION offers a wide range of Safety Footwear that is stylish, robust and provides the complete Foot Protection. The range is duly certified with the highest standards of IS.

## STANDARDS

The Safety footwear that is expected to comply with the norms is marked with letter "S" (Safety) followed by the letter "B" (Basic) or numbers showing the category it belongs to.

IS 15298(Part 2) : 2016  
EN ISO 20345 : 2011

Category SB (Basic Safety) involves the following requirements: Steel toe, 2000 Joules

SB- Basic Characteristics

S1- Has SB characteristics supplemented with the following:

- ↳ Antistatic Footwear (A)
- ↳ Energy Absorption in the Heel Region (E)
- ↳ Closed Seat Region
- ↳ Resistance to Fuel Oil (FO)

S2- Has S1 characteristics supplemented with the following:

- ↳ Water Penetration & Absorption Resistant upper (WRU)

S3- Has S2 Characteristics supplemented with the following:

- ↳ Anti penetration midsole (P)
- ↳ Cleated outsole

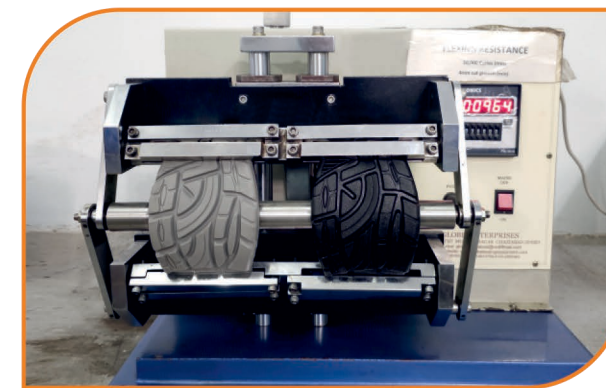
Additional Requirements and safety standards EN 20345:2011	SB	S1	S2	S3
Antistatic Footwear	-	✓	✓	✓
Energy Absorption In The Heel Region	-	✓	✓	✓
Resistance To Fuel Oil	-	✓	✓	✓
Water Penetration & Absorption Upper	-	-	✓	✓
Penetration Resistance (Steel Midsole)	-	-	-	✓
Cold Insulation	-	-	-	-
Heat Insulation	-	-	-	-
Conductive Footwear	-	-	-	-

## TESTING

TESTED & CERTIFIED



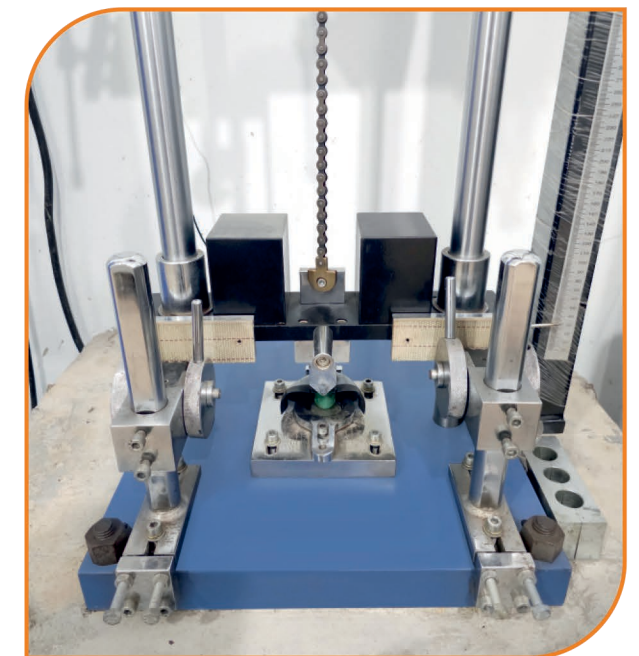
ISI 15298:2024 (Part-2), EN 20345:2011



SOLE FLEXING RESISTANCE TEST



SOLE ABRASION RESISTANCE TEST



TOE IMPACT TEST

## FEATURES OF AKTION SAFETY FOOTWEAR



## SYMBOLS SHOE FEATURES



## FOOT PROTECTION



**SAFER**  
SAFETY SHOES



### SA-1803M SPECIFICATION

Safety Shoe equipped with all the features of comfort, robust looks and highest level of safety.

Upper :	Made from genuine breathable leather equipped with Blue color 3d spacer lining with heavy foaming for better comfort experience and comes with Reflective Binding.
Insocks :	4mm Eva Laminated Speed Mesh Fabric.
Toe Cap :	Broad Steel Toe Cap.
Outsole :	Double Density PU With Cleated Outsole. Slip, Oil & Acid Resistant.
Optional Features :	Antistatic, Double Density, Composite Toe, Steel Mid Plate.
Size :	5-11 (UK) or 39 to 45
Certified to :	ISI 15298:2024 (Part-2), EN 20345:2011



**SAFER**  
SAFETY SHOES



### SA-1702K SPECIFICATION

Smart Elegant executive shoe for complete foot safety.

Upper :	Made from genuine breathable leather equipped with black color Liberty lining with foam having high abrasion resistance in dry and wet conditions.
Insocks :	4mm EVA Insole.
Toe Cap :	Broad Composite Toe Cap.
Outsole :	Double Density PU With Cleated Outsole. Slip, Oil & Acid Resistant.
Optional Features :	Antistatic, Steel Toe, Steel Mid Plate.
Size :	5-11 (UK) or 39 to 45
Certified to :	IS 15298:2024 (Part-2), EN 20345:2011

\* Also Available In Single Density



**SAFER**  
SAFETY SHOES



### SA-1510M SPECIFICATION

Premium Range Safety footwear specially designed for executive class.

Upper :	Made from genuine breathable leather equipped with black color liberty lining with foam having high abrasion resistance in dry and wet conditions.
Insocks :	Moulded EVA Insock.
Toe Cap :	Broad Steel Toe Cap.
Outsole :	Single Density PU With Cleated Outsole. Slip, Oil & Acid Resistant.
Optional Features :	Antistatic, Double Density, Composite Toe, Steel Mid Plate.
Size :	5-11 (UK) or 39 to 45
Certified to :	ISI 15298:2024 (Part-2), EN 20345:2011





**SA-1508B** SPECIFICATION

Premium Range Safety footwear specially designed for executive class.

Upper :	Knitted fabric upper in Black color equipped with breathable soft black polybride fabric lining with foam.
Insocks :	4mm Eva Laminated Speed Mesh Fabric
Toe Cap :	Broad Steel Toe Cap.
Outsole :	Double Density PU With Cleated Outsole. Slip, Oil & Acid Resistant.
Optional Features :	Antistatic, Single Density, Steel Mid Plate.
Size :	5-11 (UK) or 39 to 45
Certified to :	IS 15298:2024 (Part-2), EN 20345:2011

**SAFER**  
SAFETY SHOES



**SA-1507M** SPECIFICATION

Ultra Light Weight and Flexible sporty shoe.

Upper :	Knitted fabric upper in Grey/Green Color equipped with breathable soft black polybride fabric lining with foam.
Insocks :	4mm Eva Laminated Speed mesh Fabric
Toe Cap :	Broad Steel Toe Cap.
Outsole :	Single Density PU With Cleated Outsole. Slip, Oil & Acid Resistant.
Optional Features :	Antistatic, Double Density, Steel Mid Plate.
Size :	5-11 (UK) or 39 to 45
Certified to :	IS 15298:2024 (Part-2) ,EN 20345:2011



**SAFER**  
SAFETY SHOES



**SA-209M** SPECIFICATION

Premium Range Safety footwear specially designed for executive class.

Upper :	Made from genuine breathable leather equipped with black color liberty lining with foam having high abrasion resistance in dry and wet conditions.
Insocks :	4mm EVA Insock.
Toe Cap :	Broad Steel Toe Cap.
Outsole :	Single Density PU With Cleated Outsole. Slip, Oil & Acid Resistant.
Optional Features :	Antistatic, Double Density, Composite Toe, Steel Mid Plate.
Size :	5-11 (UK) or 39 to 45
Certified to :	IS 15298:2024 (Part-2), EN 20345:2011

**SAFER**  
SAFETY SHOES



**SA-704M** SPECIFICATION

Worker's Safety shoe providing safety with comfort.

Upper :	High ankle shoe made synthetic leather upper having nawazo print and comes with high sweat absorbing grey color speed mesh lining with foam.
Insocks :	4mm EVA laminated Speed mesh fabric.
Toe Cap :	Broad Steel Toe Cap
Outsole :	Direct Injection Moulded PVC Sole. Slip, Oil and Acid Resistant.
Optional Features :	Steel Mid Plate
Size :	5-11 (UK) or 39 to 45



**GUMBOOT** SPECIFICATION

Gumboot is Specially designed to wear in wet and muddy conditions to keep the feet dry

Upper :	Made from heavy duty PVC
Insocks :	High sweat absorbing lining
Toe Cap :	Broad Steel Toe Cap.
Outsole :	Double color PVC Outsole. Slip oil & acid resistant
Optional Features :	Without Steel Toe Cap.
Size :	5-11 (UK) or 39 to 45
Certified to :	IS 15298:2024 (Part-2)



**SA-1503M** SPECIFICATION

Ultra Light Weight and Flexible sporty shoe.

Upper :	Made from genuine breathable leather with codura fabric enhances breathability, makes shoe lighter in weight.
Insocks :	Softy EVA orthopedic insole laminated with soft black speed mesh fabric for better cushioning.
Toe Cap :	Broad Steel Toe Cap.
Outsole :	Single Density PU With Cleated Outsole. Slip, Oil & Acid Resistant.
Optional Features :	Antistatic, Composite Toe, Steel Mid Plate.
Size :	5-11 (UK) or 39 to 45
Certified to :	IS 15298:2024 (Part-2), EN 20345:2011

**SAFER**  
SAFETY SHOES



\* Also Available In Single Density





## HARNESS & BELTS

AKTION offers a comprehensive range of Full Body Harness to suit a vast range of applications and situations. Equipped with the finest ergonomics and technically sound features, AKTION Full Body Harnesses are the best choice for comfortable and safe usage for work at height. These harnesses are tested on different parameters according to IS & EN norms.

### IMPORTANT FEATURES OF A SAFETY HARNESS

#### ATTACHMENT POINTS ON THE HARNESS

The Labels marked as "A" denote the attachment points on the Harness. In certain areas, the labels are marked "A/2" meaning that two similar points held together shall constitute a single attachment point.

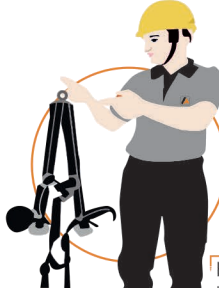



#### ABOUT FALL INDICATOR


The Fall Indicator is a small label stitched to the back side of the shoulder strap and it flies out of the harness in the event of a fall. All **AKTION** Harnesses are supplied with a Fall Indicator on special request.





### HOW TO WEAR A HARNESS


- 


**1 Step**  
Hold the harness by the dorsal D-ring and shake it
- 

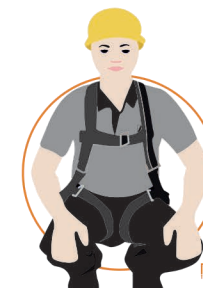
**2 Step**  
Undo the buckles and release Straps
- 

**3 Step**  
Connect the chest straps
- 

**4 Step**  
Pull the leg straps between the legs
- 

**5 Step**  
Connect the leg straps
- 

**6 Step**  
Slip the Straps over your shoulders and adjust the fit
- 

**7 Step**  
Now check the fit by gliding your fingers under the thigh Straps.
- 

**8 Step**  
Adjust the straps so the harness fits snugly but allows a full range of motion

### TESTING



TENSILE TEST



DROP TEST

TESTED & CERTIFIED  
IS 3521(PART 1) : 2021



EN 361:2002  
EN 358:2018  
EN 813:2008



**AK-FP-57 SPECIFICATION**

The AK-FP-57 is a tower harness designed for optimal comfort and support during height work. It features a fully padded, adjustable work positioning belt integrated with a breathable knitted mesh pad that offers exceptional back support. A front-mounted carabiner allows for quick and effortless donning and removal, making it highly convenient for the user.

Material :	44mm polyester webbing with min. breaking strength of 22kN.
Attachment Point :	One Dorsal D-ring for Fall arrest. One ventral D-ring at waist level for rope access work and 2 Lateral D-ring for work positioning.
Weight :	2080gms
Adjustability :	Fully adjustable shoulder chest, waist & thigh straps.
Applications :	Fall Arrest, Work Positioning, Rescue & Rope Access.
Certified to :	EN 361:2002, EN 358:1999, EN 813:2008 & IS 3521(Part 1):2021
Optional :	Also comes with Extension Band. Ref. No. AK-FP-57 (E)



● Dorsal D-Ring ● Sternal D-Ring ● Lateral D-Ring ● Ventral D-Ring ■ Belt ● Rescue



**AK-FP-56 SPECIFICATION**

AK-FP-56 is a special and most popular Multi purpose Harness used for rescue on height in AKTION range. Equipped with comfortable soft padding on shoulder, waist and the thigh pads and very versatile in use. Ventral and Sternal attachment points on this harness makes it the right choice for use in rescue, rope access, tower climbing and Window cleaning at heights.

Material :	44mm polyester webbing with min. breaking strength of 22kN.
Attachment Point :	One Dorsal and One Sternal D-ring for Fall arrest. One ventral D-ring at waist level for rope access work and 2 Lateral D-ring for work positioning.
Weight :	2080gms
Adjustability :	Fully adjustable shoulder chest, waist & thigh straps.
Applications :	Fall Arrest, Work Positioning, Rescue & Rope Access.
Certified to :	EN 361:2002, EN 358:1999, EN 813:2008 & IS 3521(Part 1):2021
Optional :	Also comes with Extension Band. Ref. No. AK-FP-56 (E)



**AK-FP-43 SPECIFICATION**

AK-FP-43 Featuring integrated textile loops for chest attachment and soft padding at waist belt. These features makes AK-FP-43 is the best harness for tower climbing and work positioning at heights.

Material :	44mm polyester webbing with min. breaking strength of 22kN.
Attachment Point :	One Dorsal D-Ring, Two Sternal and Two Lateral D-rings.
Weight :	1700gms
Adjustability :	One Dorsal D-ring, Two sternal textile loops and two Lateral D-rings.
Applications :	Tower Climbing & Work Positioning.
Certified to :	EN 361:2002, EN358:2018 & IS 3521:2021 (Part 1)
Optional :	Also comes with Extension Band. Ref. No. AK-FP-43 (E)



● Dorsal D-Ring ● Sternal D-Ring ● Lateral D-Ring ● Ventral D-Ring ■ Belt ● Rescue



**AK-FP-25** SPECIFICATION

AK-FP-25 is an extension rescue strap integrated into the shoulder strap of the harness. It features a D-ring designed for quick connection to rescue equipment during emergencies. This setup ensures a swift and efficient rescue process while keeping the user as comfortable as possible. When not in use, the strap stays neatly secured to the shoulder using a Velcro fastener, keeping it out of the way.

Material :	44mm polyester webbing with min. breaking strength of 22kN.
Attachment Point :	One Dorsal and One Sternal D-ring on chest. Equipped with Rescue Strap.
Weight :	1100gms
Adjustability :	Fully adjustable shoulder, chest & thigh-straps.
Applications :	Fall arrest, Rescue
Certified to :	EN 361:2002, IS 3521(Part 1) : 2021



**AK-FP-22** SPECIFICATION

AK-FP-22 is the popular harness in AKTION range for fall arrest consist of two chest attachment D-rings.

Material :	44mm polyester webbing with min. breaking strength of 22kN.
Attachment Point :	One Dorsal and two Sternal D-ring
Weight :	1270gms
Adjustability :	Fully adjustable Shoulder, Chest & thigh-straps for best fit.
Applications :	Fall Arrest.
Certified to :	EN 361:2002 & IS 3521:2021 (Part 1)
Optional :	Also comes with Extension Band. Ref. No. AK-FP-22 (E)



**AK-FP-16 (Class A)** SPECIFICATION

AK-FP-16 is the basic fall arrest harness equipped with chest and thigh strap adjustment.

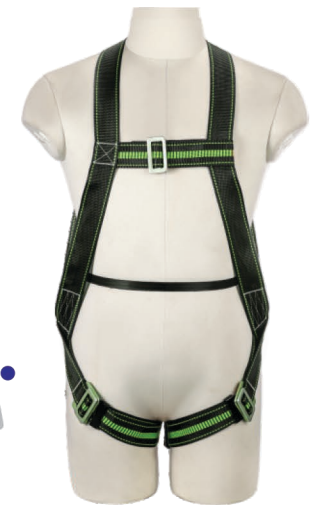
Material :	44mm polyester webbing with min. breaking strength of 22kN.
Attachment Point :	One Dorsal D-ring for fall arrest.
Weight :	1040gms
Adjustability :	Full Adjustable Chest and Thigh-straps.
Applications :	Fall Arrest.
Certified to :	EN 361:2002, IS 3521(Part 1) : 2021



**AK-FP-06 (Class E)** SPECIFICATION

This harness includes two front chest D-rings for fall protection or work positioning, along with adjustable chest and thigh straps to ensure a secure, comfortable, and customizable fit during use.

Material :	44mm polyester webbing with min. breaking strength of 22kN.
Attachment Point :	One Dorsal D-ring and Two Sternal D-rings on chest.
Weight :	1060gms
Adjustability :	Fully adjustable chest & thigh-straps.
Applications :	Fall Arrest & Rescue.
Certified to :	EN 361:2002, IS 3521(Part 1) : 2021



**AK-FP-21** SPECIFICATION

AK-FP-21 has adjustable chest and thigh strap with sliding plates for easy attachment of chest strap.

Material :	44mm polyester webbing with min. breaking strength of 22kN.
Attachment Point :	One Dorsal D-Ring for fall arrest.
Weight :	1070gms
Adjustability :	Fully adjustable chest & thigh-strap.
Applications :	Fall arrest
Certified to :	EN 361:2002 & IS 3521:2021 (Part 1)
Optional :	Also comes with Extension Band. Ref. No. AK-FP-21 (E)



**AK-FP-05 (Class L)** SPECIFICATION

A standard IS-compliant harness equipped with adjustable chest and thigh straps for a secure fit. It features a dorsal D-ring positioned at the back, designed specifically for effective fall arrest protection.

Material :	44mm polyester webbing with min. breaking strength of 22kN.
Attachment Point :	One Dorsal D-ring, Two Sternal D-ring.
Weight :	1200gms
Adjustability :	Fully adjustable shoulder, chest & thigh-straps.
Applications :	Fall Arrest.
Certified to :	EN 361:2002, IS 3521(Part 1) : 2021



AKTION Provides Hooks and Carabiners having screw locking, Twist Locking features to suit a wide range applications



» CARABINERS



AK-HC-111 SPECIFICATION

Description :	Steel Quarter Turn-Locking bulb type carabiner
Material :	Alloy Steel
Gate Opening :	15mm
Minimum Breaking Strength :	23kN
Weight :	200gm
Conforms to :	EN 362:2004



AK-HC-112 SPECIFICATION

Description :	Steel Screw-Locking bulb type carabiner
Material :	Alloy Steel
Gate Opening :	15mm
Minimum Breaking Strength :	23kN
Weight :	195gm
Conforms to :	EN 362:2004



AK-HC-113 SPECIFICATION

Description :	Steel Quarter Turn-Locking bulb type carabiner
Material :	Alloy Steel
Gate Opening :	22mm
Minimum Breaking Strength :	23kN
Weight :	250gm
Conforms to :	EN 362:2004

» HOOKS



AK-HC-121 SPECIFICATION

Description :	Steep Snap Hook
Material :	Alloy Steel
Gate Opening :	18.0mm
Minimum Breaking Strength :	23kN
Weight :	210gm
Conforms to :	EN 362:2004



AK-HC-131 SPECIFICATION

Description :	Steel Scaffold Hook
Material :	Alloy Steel
Gate Opening :	50mm
Minimum Breaking Strength :	23kN
Weight :	600gm
Conforms to :	EN 362:2004



AK-HC-132 SPECIFICATION

Description :	Steel Tower Hook
Material :	Alloy Steel
Gate Opening :	85mm
Minimum Breaking Strength :	23kN
Weight :	850gm
Conforms to :	EN 362:2004

# HOOKS & CONNECTORS

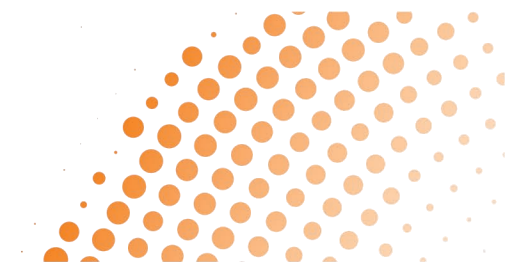
To meet the different hazard situations encountered in the field, AKTION offers a wide range of Hooks and Carabiners having distinguished features. The range is designed for a specific use based on its material, shape, size, gate opening, capacity and locking system.

# LANYARDS

A Lanyard is described as the connecting element of a system. The Energy Absorbing Lanyard incorporates a Shock Absorbing element which is capable of limiting the force felt on the body of the worker to less than 6kN. Depending upon the specific usage, Lanyards are classified as follows: Work Positioning Lanyard, Restraint Lanyards, Fall Arrest Lanyards, and Forked Lanyards.

## TYPES OF RESTRAINT LANYARDS

**AKTION** Restraint Lanyards comes in various types of lanyards. Choose the Lanyards that suits best to your Requirements.



### RESTRAINT TWISTED ROPE LANYARDS



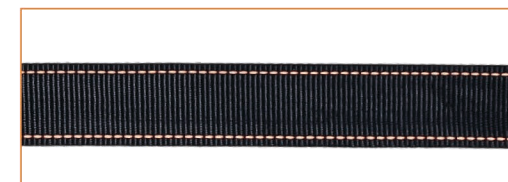
- ↳ They are made up of 12mm dia Polyamide 3 Stranded Twisted rope and can be customized according to requirements.
- ↳ This spliced end is protected with a strong transparent protective covering sleeves which not only protects the splicing but also makes the splicing visible for easy inspection prior to use.
- ↳ The Loops at the end are protected by an abrasion resistant thimble, this prevents the rope from being damaged by the metallic contact of the connector.
- ↳ The rope also has a colored tracer strand which loses its color in due course of time, to show that the Lanyard is now unfit for further use.
- ↳ Available in different lengths 1.0Mtr, 1.5Mtr, 1.8Mtr, and 2.0Mtr.
- ↳ All Lanyards with different combinations of connectors are individually certified as per EN 354:2010 and have a minimum breaking strength of 22kN.

- ↳ This range of Lanyards is made from high quality Kernmantle rope of 10.5mm dia and can be customized according to requirements.
- ↳ They are cross stitched and are protected with a strong transparent covering sleeve. This not only protects the ends, but also makes the stitches visible for easy inspection prior to use.
- ↳ The loops at the end are protected by an abrasion resistant thimble. This prevents the rope from being damaged by the metallic contact of the connector.
- ↳ This rope also has a colored tracer strand which loses its color in due course of time, indicating that the lanyard is now unfit for further use.
- ↳ Available in lengths 1.0mtr, 1.5mtr, 1.8mtr and 2.0mtr.
- ↳ All Lanyards with different combinations of connectors mentioned below are individually certified as per EN 354:2010 and have a minimum breaking strength of 22kN.

### RESTRAINT KERNMANTLE ROPE LANYARDS



### RESTRAINT WEBBING LANYARDS



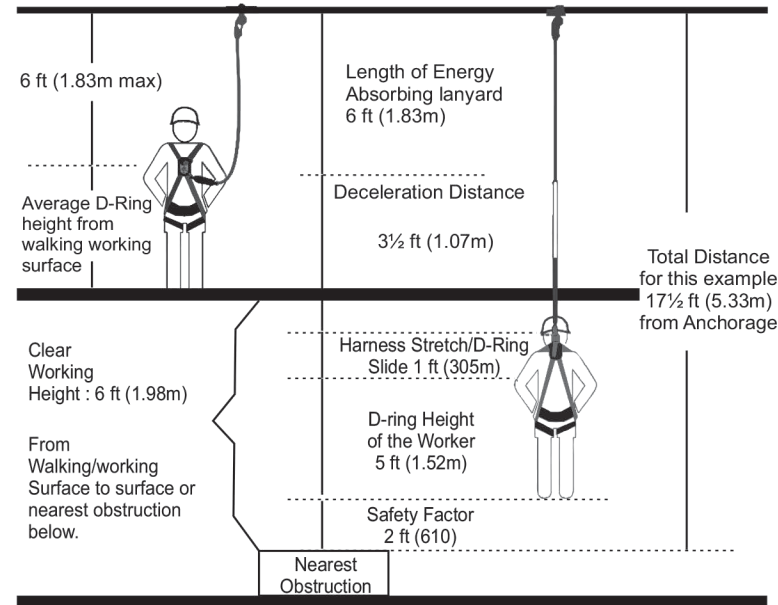
- ↳ AKTION offers a wide range of Webbing Lanyards made from high tenacity polyester yarn having a different configurations of connectors on the ends.
- ↳ The loops at the ends are protected by an abrasion resistant covering. This prevents the webbing from being damaged by the metallic contact of the connector.
- ↳ Available in lengths 1.0Mtr, 1.5Mtr, 1.8Mtr, and 2.0Mtr.
- ↳ All Lanyards with different combinations of connectors mentioned below are individually certified as per EN 354: 2010 and have a minimum breaking strength of 22kN.
- ↳ The Webbing Lanyards in this section are made up of 44mm wide polyester webbing.

**ENERGY ABSORBER**

In the event of a fall, the special webbing inside the Energy Absorber opens up. This opening of the webbing takes up most of the jerk which is felt like an impact when a fall occurs. Hence, finally very little jerk is felt on the body of the worker. We can therefore imagine that if this Energy Absorber is absent from a fall protection system, the forces which are felt on the body of the worker can be very high and can result in injury.

# HOW TO CALCULATE THE FALL CLEARANCE REQUIREMENTS?

The illustration below is an example of required fall clearance using Energy Absorbing Lanyards connected to the dorsal D-ring of a full body harness. Add the length of the Energy Absorbing Lanyard (6 feet) to the marked maximum elongation of the lanyard during deceleration i.e. 3.5 feet, to the D-ring height of the worker (average 5 feet). Add 1 foot for the stretch of the D-ring and a safety factor of 2 feet to allow for the possibility of an improperly fit harness, a taller than average worker and/or a miscalculation of distances. The total distance from the anchorage is 17.5 feet.



**» ENERGY ABSORBER**

AKTION offers a wide range of fall Arrest Lanyards which come incorporated with the AKTION Energy Absorber, in different connector combinations, twisted rope, kernmantle rope or webbing for the user to make his choice. These lanyards are all tested and certified as per EN 355:2002

- AKTION Energy Absorber consists of a special white inner polyamide Webbing that absorbs the arresting forces in the event of a fall.
- The Colored Webbing serves a backup in AK-EA-300
- The Clear protective covering helps in easy and fast visual inspection.



**AK-EA-300 SPECIFICATION**

- Made up of 44mm polyester webbing with min. breaking strength of 22kN.
- It reduces the impact of a fall to less than 6kN and is certified to EN 355:2002.
- The minimum fall clearance distance required when using this Energy Absorber for a 2.0mtr lanyard is - 6.0mtr



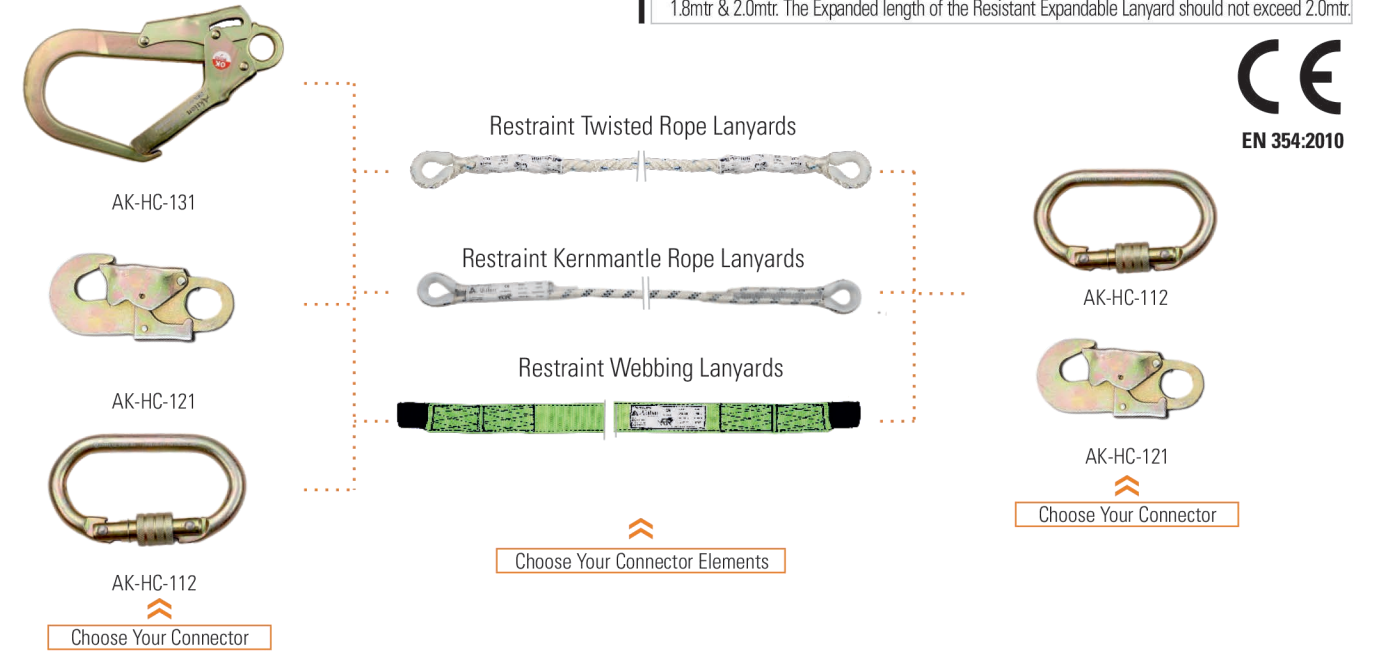
**AK-EA-400 SPECIFICATION**

- Made up of 30mm wide webbing and is shrink-wrapped, which makes it smaller and lighter in weight.
- It reduces the impact of a fall to less than 6kN and is certified to EN 355:2002.
- The minimum fall clearance distance required when using this Energy Absorber for a 2.0mtr lanyard is - 6.0mtr"

DESIGN YOUR OWN LANYARDS WITH CONNECTING ELEMENTS.

AKTION offers an option to customize your **Restraint Lanyards** as per your own job specific needs.

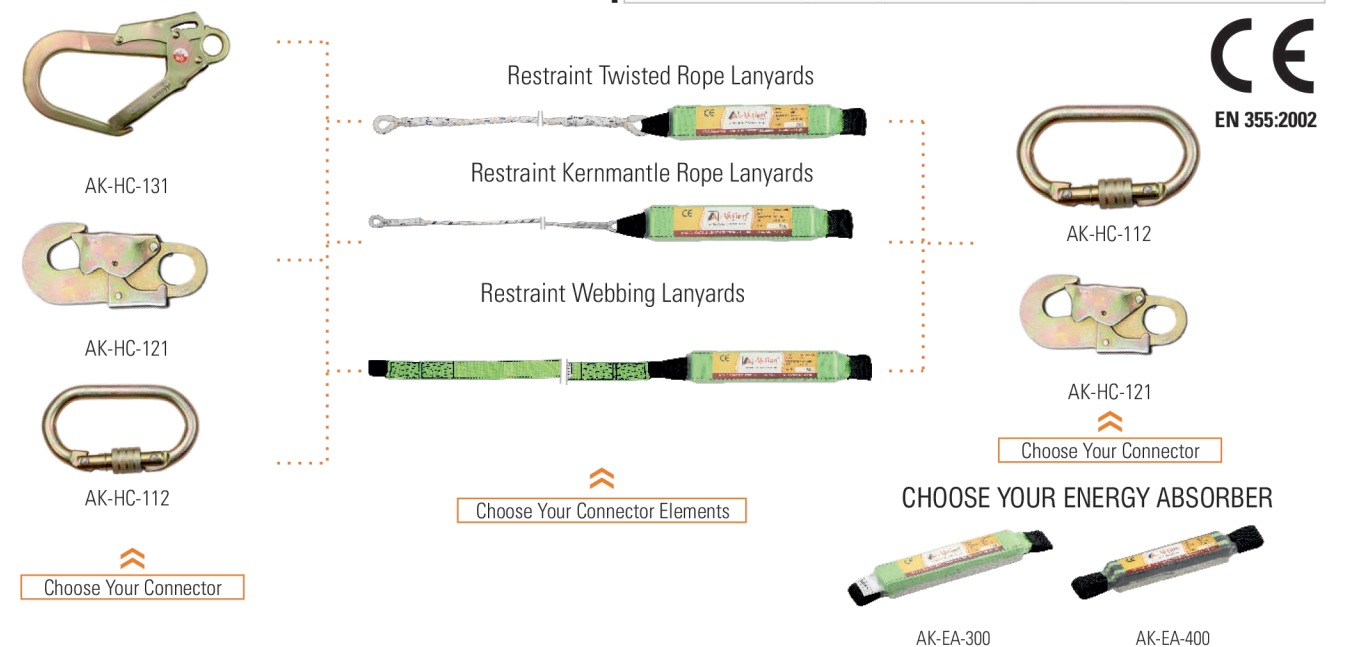
Variety of Hooks and Connectors are available for connection on both anchorage and termination ends.  
All Lanyards with different combination of connectors mentioned below are individually certified as per EN 354:2010 and have a minimum breaking strength of 22kN.  
Resistant twisted, Kernmantle, and webbing rope lanyards are available in lengths- 1.0mtr, 1.5mtr, 1.8mtr & 2.0mtr. The Expanded length of the Resistant Expandable Lanyard should not exceed 2.0mtr.



DESIGN YOUR OWN ENERGY ABSORBING LANYARDS WITH CONNECTING ELEMENTS.

AKTION offers an option to customize your **Energy Absorbing Lanyards** as per your own job specific needs.

Variety of Hooks and Connectors are available for connection on both anchorage and termination ends.  
All Lanyards with different combination of connectors mentioned below are individually certified as per EN 355:2002 and have a minimum breaking strength of 22kN.  
Resistant twisted, Kernmantle, and webbing rope lanyards are available in lengths- 1.0mtr, 1.5mtr, 1.8mtr & 2.0mtr. The Expanded length of the Resistant Expandable Lanyard should not exceed 2.0mtr.



» WORK POSITIONING LANYARD

AKTION offers a range of Work Positioning Lanyards, which can be used to allow a worker to work hands-free while securely positioning themselves at a specific location on a structure. These Lanyards can be connected to the Lateral D-rings on Work Positioning belts like (AK-FP-56 and many more) or combination harness and can be easily adjusted for their lengths to suit the application.

Key Features of AKTION Work Positioning Lanyards.

- ↳ **Attachment Points** : Work positioning lanyards have multiple attachment points, often with carabiners, that allow the worker to secure themselves to an anchor point while also attaching to a work positioning belt or harness.
- ↳ **Adjustable length** : These lanyards are usually adjustable in length, allowing the worker to position themselves at the appropriate height for their task.
- ↳ **Compatibility** : Work Positioning lanyards should be compatible with various full body harness like AK-FP-56, AK-FP-43, AK-FP-42 etc...
- ↳ **Durability** : These Lanyards are typically constructed from robust materials to withstand the wear and tear associated with outdoor or industrial work.



AK-WPL-241 SPECIFICATION

- Made up of 14mm dia Polyamide 3-stranded twisted rope.
- Has a manual Ring type adjuster of forged alloy steel.
- Maximum Length is 2.0 Mtr.
- Easy to connect Steel Carabiners (AK-HC-112) at both ends for attachment.
- Conforms to EN 358:2018



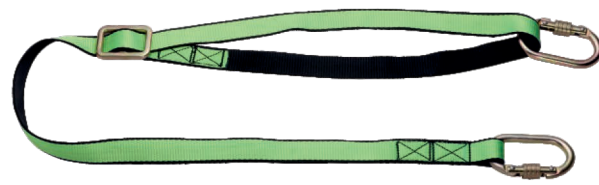
AK-WPL-242 SPECIFICATION

- Made up of 14mm dia Polyamide 3-stranded twisted rope.
- Equipped with Non-Detachable Rope-Grab Adjuster (RG-03) for easy length adjustment.
- Maximum length is 2.0 Mtr.
- Easy to connect Steel Carabiners (AK-HC-112) at both ends for attachment.
- Conforms to EN 358:2018



AK-WPL-243 SPECIFICATION

- Made up of 30mm wide polyester webbing.
- Has a manual Ring type adjuster of forged alloy steel.
- Maximum length is 2.0 Mtr.
- Easy to connect Steel Carabiners (AK-HC-112) at both ends for attachment.
- Conforms to EN 358:2018



» FORKED LANYARD

AKTION offers a wide range of forked lanyards (Y-Shaped Lanyards) which provides means of attachment during progressive movement from one anchor point to the next, Upsides, Downside, or sideways. While using an Energy Absorbing Forked lanyard, make sure that only the Energy Absorber end of the lanyard is connected to the Harness at its dorsal attachment point. If the fall happens, It can be extremely dangerous if the energy absorber is not attached in the system.

Key Features of AKTION Forked Lanyard.

- ↳ **Forked Design** : The primary feature of a forked design is that it has two separate lanyards, each with a connector (usually with Scaffold Hook) at the anchorage end. Which can be connected to two different anchor points which helps worker for a progressive movement.
- ↳ **Different material** : AKTION Forked Lanyards come in Twisted Rope, Kernmantle Ropes and 44mm polyester webbing which offers the facility to move in all directions.
- ↳ **Compatibility** : AKTION's wide range of Forked Lanyards is compatible with all types of full body harness.
- ↳ **Durability** : Like other AKTION's fall protection equipments, Forked Lanyard is constructed from robust material to withstand the outdoor or industrial work.



AK-FL-342 SPECIFICATION

- Made up of 10.5 mm dia Kernmantle Rope.
- Equipped with energy absorber (AK-EA-300)
- Length available in 1.5m, 1.8m & 2.0 Mtr
- 1 no. of Snap Hook (AK - HC -121) at Harness end and 2nos. of Scaffold Hooks. (Also Available with carabiners at harness end)
- Conforms to EN 355:2002



AK-FL-352 SPECIFICATION

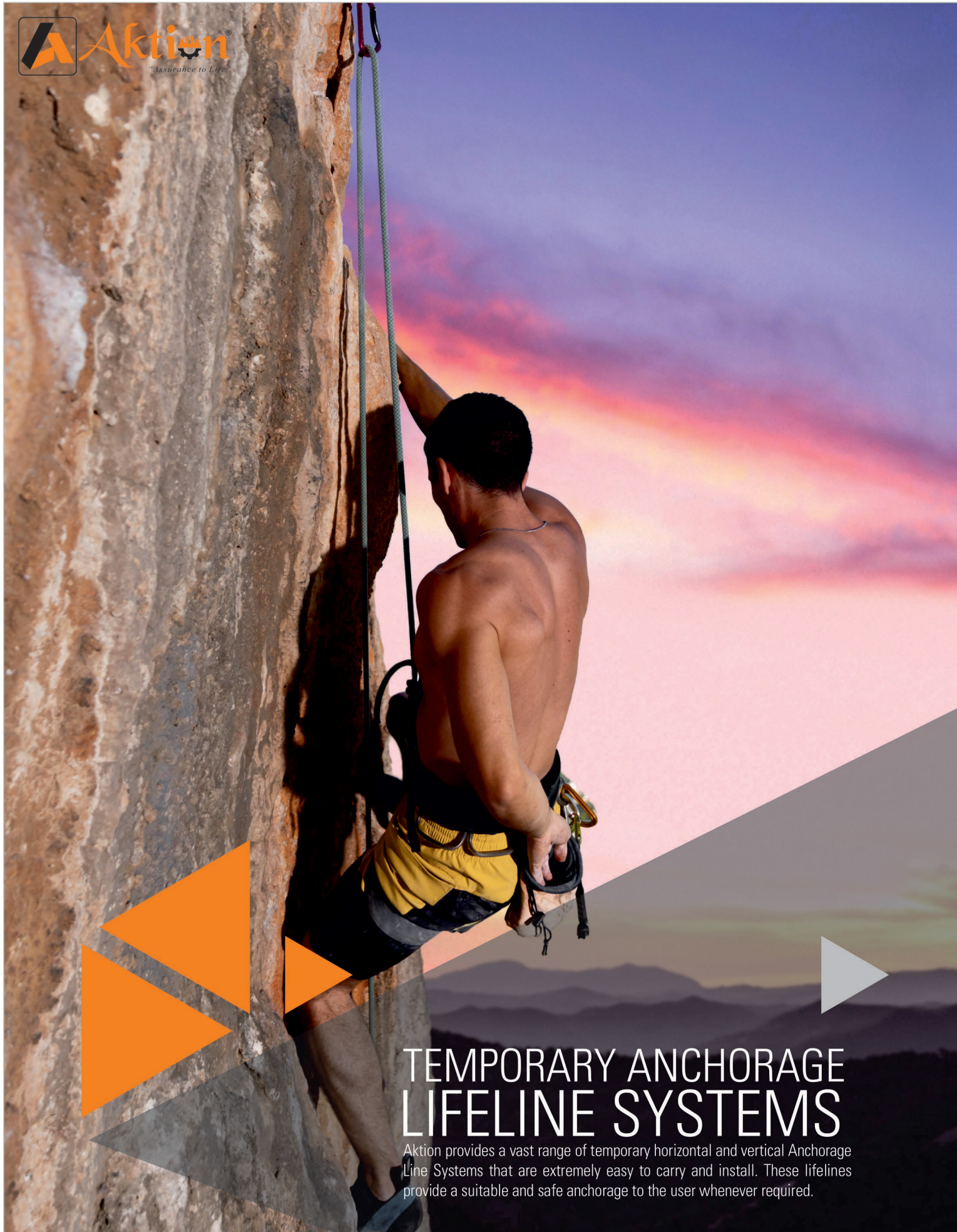
- Made up of 12mm dia 3 strand twisted Polyamide Rope.
- Equipped with energy absorber (AK-EA-300)
- Length available in 1.5m, 1.8m & 2.0 Mtr.
- 1 no. of Snap Hook (AK - HC -121) at Harness end and 2nos. of Scaffold Hooks. (Also Available with carabiners at harness end)
- Conforms to EN 355:2002



AK-FL-362 SPECIFICATION

- Made up of 44mm wide polyester webbing.
- Equipped with energy absorber (AK-EA-300)
- Length available in 1.5m, 1.8m & 2.0 Mtr.
- 1 no. of Snap Hook (AK - HC -121) at Harness end and 2nos. of Scaffold Hooks. (Also Available with carabiners at harness end)
- Conforms to EN 355:2002





# TEMPORARY ANCHORAGE LIFELINE SYSTEMS

Aktion provides a vast range of temporary horizontal and vertical Anchorage Line Systems that are extremely easy to carry and install. These lifelines provide a suitable and safe anchorage to the user whenever required.

AKTION offers Temporary Vertical Anchorage Line Systems which are quick and easy to install. All these systems have uniquely designed fall arrester that grab onto the Anchorage Line on which they move, thus arresting the fall immediately.

### » ROPE GRAB FALL ARRESTOR

Aktion Rope Grab is designed to prevent a person from sudden fall or slip. As the worker ascends or descends the verticals rope, the rope grab moves along with them. It can move freely in one direction along the rope, generally upwards. In the event of fall, the rope grab immediately engages and locks onto the rope.



CE  
EN 353-2:2002

AK-2000  
Openable rope grab



CE  
EN 353-2:2002

AK-2003  
Non-Openable rope grab

### » GUIDED TYPE FALL ARRESTOR SYSTEM.



CE  
EN 353-2:2002

#### AK-2000A SPECIFICATION

- Steel Openable Rope Grab for Polyamide rope (AK-2000)
- Equipped with Screw type Carabiner (AK-HC-112)
- Used with AKTION 14mm to 16mm dia Polyamide 3 strand twisted rope.
- The Anchorage line is available in length of 10m to 200m



CE  
EN 353-2:2002

#### AK-2000B SPECIFICATION

- Steel Openable Rope Grab for Polyamide rope (AK-2000) permanently stitched with Energy Absorber (AK-EA-300)
- Equipped with Screw type Carabiner (AK-HC-112)
- Used with AKTION 14mm to 16mm dia Polyamide 3 strand twisted rope.
- The Anchorage line is available in length of 10m to 200m



CE  
EN 353-2:2002

#### AK-2003B SPECIFICATION

- Steel Non-openable Rope Grab for Kernmantle rope (AK-2003) permanently stitched with Energy Absorber (AK-EA-300)
- Equipped with Screw type Carabiner (AK-HC-112)
- Used with AKTION 10.5mm dia Kernmantle rope.
- The Kernmantle Anchorage line is available in length of 10m to 200m

» ANCHORAGE LINES

AKTION offers Textile Anchorage Lines in both Twisted Rope and Kernmantle rope, available in different lengths to suit different applications. These Anchorage Lines are only used with specific AKTION Rope Grab Fall Arrestor.



TWISTED ROPE ANCHORAGE LINE (14MM)

Only used with AKTION Fall Arrestor.	
Made of 3 Strand Polyamide twisted rope of dia 14mm.	
Both Side Loop (Also available with one side loop; other side end stop knot)	
Length: 10m   AK-910	50m   AK-950
20m   AK-920	100m   AK-9100
30m   AK-930	200m   AK-9200
40m   AK-940	



TWISTED ROPE ANCHORAGE LINE (12MM)

Only used with AKTION Fall Arrestor.	
Made of 3 Strand Polyamide twisted rope of dia 12mm.	
Both Side Loop (Also available with one side loop; other side end stop knot)	
Length: 10m   AK-910(T12)	50m   AK-950(T12)
20m   AK-920(T12)	100m   AK-9100(T12)
30m   AK-930(T12)	200m   AK-9200(T12)
40m   AK-940(T12)	



BRAIDED ROPE ANCHORAGE LINE (10.5MM)

Only used with AKTION Fall Arrestor.	
Made of Kernmantle rope of dia 10.5mm.	
Both Side Loop (Also available with one side loop; other side end stop knot)	
Length - 10m   AK-910K	40m   AK-940K
20m   AK-920K	50m   AK-950K
30m   AK-930K	

» HORIZONTAL LIFELINE

AKTION offers the Temporary Horizontal Lifelines, made of Polyester webbing, which is extremely easy to carry and install whenever required. This Temporary Lifeline system by AKTION provide a suitable and safe anchorage horizontally along the entire length.

AK-3000 SPECIFICATION



AK-3000 is a Temporary Horizontal Anchorage Lifeline made up of 30mm Polyester Webbing equipped with the AKTION Ratchet Tensioner that allows easy tensioning of the lifeline between two structures. Both the ends are provided with Auto-Locking Steel Carabiners (AK-HC-113)
The whole system is supplied in a bag, which is permanently attached to the assembly and also enables the user to easily carry the system with the help of comfortable shoulder hanging straps provided in the bag.
Once the lifeline is fitted, the user can easily attach the Lanyard of his Harness to the lifeline using a Carabiner. This allows movement along the length while keeping the user secured and safe at all times.
Available Length- total 20m, so the user can use it for a length ranging from 5m to 20m.
Tested and certified for use by two users simultaneously

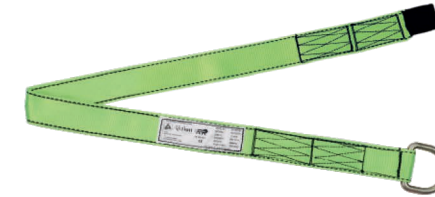


**BE CAREFUL !**

When installing the lifeline it is essential to take into account the deflection (F) of the lifeline that need to be add to the clearance of the fall arrest system used.

» ANCHORAGE WEBBING SLINGS

AKTION provides a wide range of Anchorage Webbing Slings of various configurations and lengths that can be altered in length as per the requirement.



AK-AWS-803 SPECIFICATION



Made up of 44mm wide Polyester Webbing.
Has D-Ring at one end and textile loop at the other end.
Length available of 1.0mtr. ,1.5mtr. & 2.0mtr,
Strength : Min. 18kN for 3 minutes.
Conforms to EN 795 : 2012



AK-AWS-804 SPECIFICATION



Made up of 44mm wide Polyester Webbing.
Has D-Ring at both ends.
Length available of 1.0mtr. ,1.5mtr. & 2.0mtr,
Strength : Min. 18kN for 3 minutes.
Conforms to EN 795 : 2012



AK-AWS-805 SPECIFICATION



Made up of 44mm wide Polyester Webbing.
Has D-Ring at one end and textile loop at the other end.
Length available of 1.0mtr. ,1.5mtr. & 2.0mtr,
Strength : Min. 18kN for 3 minutes.
Conforms to EN 795 : 2012"



AK-AWS-808 SPECIFICATION



Made up of 44mm wide Polyester Webbing.
Has Textile loops at both ends.
Length available of 1.0mtr. ,1.5mtr. & 2.0mtr,
Strength : Min. 18kN for 3 minutes.
Conforms to EN 795 : 2012





# RETRACTABLE BLOCK

One of the biggest challenges in fall protection is when the Anchorage point is too high to access and the clearance distance is too small. AKTION Retractable Fall Arrestor Block provide an Ideal solution for such a problem.

## » RETRACTABLE BLOCK POLYMER CASING WITH WIRE ROPE



### AK-RB-05/AK-RB-06/AK-RB-07/AK-RB-08/AK-RB-09/AK-RB-10 SPECIFICATION

Material :	Casing made up of high impact strength Polymer to prevent breakage and is nearly indestructible and Power coil spring made with high carbon steel with German technology
Rope Dia :	Steel Wire Rope of dia 4.5mm
Attachment End :	AK-HC-162 Hook.
Anchorage End :	Anchorage Eye with swivel action. Prevents undue twist of rope while working or in the event of a fall.
Minimum Breaking Strength :	12kN
Casing :	Inbuilt casing with easy handling
Max. Load :	Designed to take load upto 140 kg
Conforms to :	EN 360:2002

Model	Length of Wire Rope	Weight (Kg)
AK-RB-05	5 Mtr.	4.550kg
AK-RB-06	6 Mtr.	4.700kg
AK-RB-07	7 Mtr.	4.850kg
AK-RB-08	8 Mtr.	5.000kg
AK-RB-09	9 Mtr.	5.150kg
AK-RB-10	10 Mtr.	5.300kg



## » RETRACTABLE BLOCK POLYMER CASING WITH WIRE ROPE

### AK-RB-12/AK-RB-15/AK-RB-18/AK-RB-20 SPECIFICATION

Material :	Casing made up of high impact strength Polymer to prevent breakage and is nearly indestructible and Power coil spring made with high carbon steel with German technology
Rope Dia :	Steel Wire Rope of dia 4.5mm
Attachment End :	AK-HC-162 Hook.
Anchorage End :	Anchorage Eye with swivel action. Prevents undue twist of rope while working or in the event of a fall.
Minimum Breaking Strength :	12kN
Conforms to :	EN 360:2002
Casing :	Inbuilt casing with easy handling
Max. Load :	Designed to take load upto 140 kg

Model	Length of Wire Rope	Weight (Kg)
AK-RB-12	12 Mtr.	7.500kg
AK-RB-15	15 Mtr.	7.950kg
AK-RB-18	18 Mtr.	8.400kg
AK-RB-20	20 Mtr.	8.700kg





» **TRIPOD & WINCH** **NEW**

A confined space tripod is a critical part of a fall protection and rescue system, specifically designed for vertical entry and retrieval in hazardous or enclosed environments

**AK-TPOD-01 ( DP ) ( 7FT )**

SPECIFICATION

Material :	Legs are made of High Grade Aluminum and Head is made of High strength aluminum alloy with casting process.
Height :	7 FT.
Wheel Base Foot Print :	1000 mm to 1500 mm
Max. Load Capacity:	100 Kg
Anchor point Cap. :	Greater then 23 kN
Weight :	13 kg (approx.)
Conforms to :	EN 795:2012 ; Type B



**Distinguished Features:**

- ★ Constructed from aluminum alloy.
- ★ Lightweight yet capable of supporting up to 5000 lbs (22 kN)
- ★ Each leg can be adjusted individually for stability on uneven surfaces.
- ★ Non-slip rubber feet for enhanced grip.
- ★ Central eye-bolt anchor point for fall arrest.
- ★ Compatible with manual or mechanical winch systems.
- ★ Foldable design for easy storage and transport.

**Ideal For Use:**

- ★ **Sewer & Manhole Entry:** Safe descent and ascent for inspection and maintenance.
- ★ **Underground Utilities:** Access to electrical, water, or communication lines in confined shafts.
- ★ **Tanks, Silos, and Vessels:** Vertical entry in industrial facilities and manufacturing plants.
- ★ **Rescue Operations:** Emergency retrieval of injured or unconscious workers from enclosed spaces.
- ★ **Mining & Tunneling:** Entry into vertical shafts or narrow underground passages.



EN 795:2012 ; TypeB

**AK-WIN-01** **NEW**

SPECIFICATION

Winch line Material :	Galvanized steel wire rope of Dia 4.5 mm.
Length of Cable:	10 mtr, 15 mtr, 20 mtr, 25 mtr, 40 mtr
Connector:	Steel Screw Locking Carabiner (AK-HC112)
Wire Construction:	7x19 C
Compatability:	It is recommended to use winch with AKTION's Tripod
Conforms to :	EN 1496:2017 ; CLASS A



EN 1496:2017 ; CLASS A

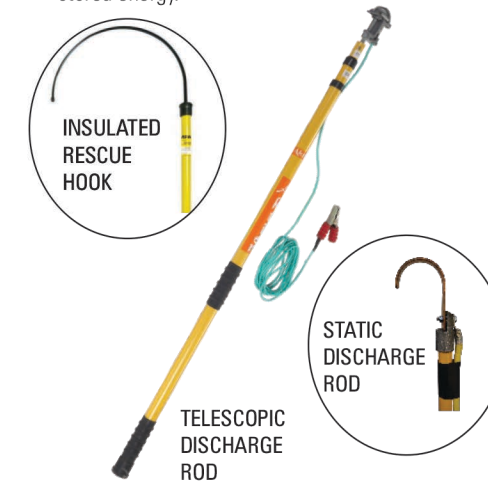


## DISCHARGE OR FRP LADDER

AKTION provides a vast range of Self Contained Safety Kits for ready to use in various applications. These Kits contain standard equipment and can be customized as per the specific need of the user.

### » FRP TELESCOPIC DISCHARGE ROD **NEW**

The FRP Static Discharge Stick is a safety tool designed to safely discharge residual static voltage from high-voltage equipment before maintenance or inspection. It consists of a fiberglass-reinforced plastic (FRP) insulated handle, a grounding cable, and a discharge probe, ensuring operator safety while dissipating dangerous stored energy.



#### DISCHARGE ROD

##### SPECIFICATION

	INSULATED RESCUE HOOK	STATIC DISCHARGE ROD	TELESCOPIC DISCHARGE ROD
Material :	Fiberglass-Reinforced Plastic (FRP)	Fiberglass-Reinforced Plastic (FRP)	Fiberglass-Reinforced Plastic (FRP)
Clamp :	DIP Coated Hook	ALU Clamp with Copper Hook	Aluminium Clamp
Rod Length :	Available in 6 feet	Available in 6 feet	Available in 10,15,20 feet
Cable Length & Size:	No cable required	6,15,25 ft of 16 mm <sup>2</sup> size	15,25,30 ft of 10 mm <sup>2</sup> size
Voltage Rating :	Up to 110 kV (Higher ratings available)	Up to 110 kV (Higher ratings available)	11 kV & 33 kV
Conforms to :	IEC 60060	IEC 60060	IEC 60060

### » FRP TELESCOPIC LADDER **NEW**

This specification covers the technical requirements of design, testing at manufacturer's works, packing & forwarding, supply and unloading at store/site and performance of FRP Telescopic Ladders with all accessories for trouble free & efficient performance.

#### TELESCOPIC LADDER

##### SPECIFICATION

Material :	Fiberglass-Reinforced Plastic (FRP)
Di- electric Strength :	As per IEC 60060-1
Length of Ladder :	Available in 6 mtr. to 9 mtr. ( Opening Length)
Working Load :	150 Kg.
Collapsible length :	Around 6 Ft.
For Extra Support:	8 Inch Pipe fixed on both side at the top for additional stability
Type Test :	Tested for 110 kV as per IEC 60060.



### » FRP EXTENSION LADDER **NEW**

This specification covers the technical requirements of design, testing at manufacturer's works, packing & forwarding, supply and unloading at store/site and performance of FRP Extendable Ladders with all accessories for trouble free & efficient performance.



#### EXTENSION LADDER

##### SPECIFICATION

Material :	Fiberglass-Reinforced Plastic (FRP)
Di- electric Strength :	As per IEC 60060-1
Length of Ladder :	Available in 6 ft to 40 ft (opening length)
Working Load :	150 Kg.
Type Test :	Tested for 110 kV as per IEC 60060.



## SELF CONTAINED SAFETY KITS

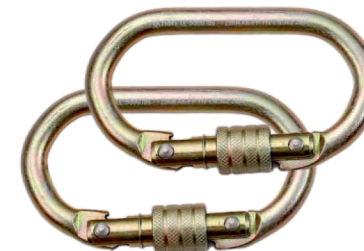
AKTION provides a vast range of Self Contained Safety Kits for ready to use in various applications. These Kits contain standard equipment and can be customized as per the specific need of the user.

## » MAINTENANCE AND WINDOW CLEANING KIT.

This Kit is meant to fulfill all the purposes and requirements of personal engaged in maintenance jobs at height.



AK-FP-56



AK-HC-112 (2Nos.)



AK-AWS-803(1.2m)(2nos.)



AK-950(14mm)(50mtr)



AK950K (10.5mm)(50mtr)



Tool Bag



Delux Bag



Grip Descender



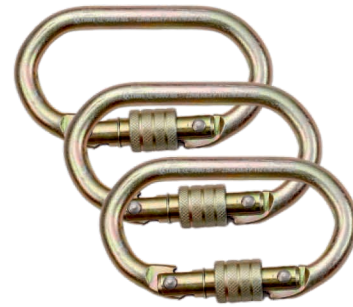
AK-2000A

## » BASIC RESCUE KIT

AKTION Rescue Kit offers a complete and immediate solution for rescue of a victim of a fall from height.



AK-FP-56



AK-HC-112 (3Nos.)



Knife



Cows tail (0.5mtr)



Grip Descender



AK-2000A



AK-WPL-242(1.5MTR)



AK-FL-351(1.8MTR)



AK-HC-112 (2Nos.)



AK-AWS-803(1.2m)(2nos.)



Delux Bag



Tool Bag



AK-AWS-803(1.2m)(2nos.)



AK-950(14mm)(50mtr)



AK950K (10.5mm)(50mtr)



Delux Bag



AK-WPL-242 (2.0MTR)

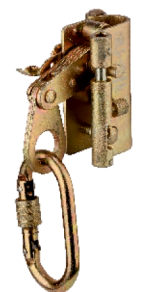
AK-FL-351 (1.8MTR)



AK-950(14mm)(50mtr)



AK950K (10.5mm)(50mtr)



AK-2000A

## » TELECOM TOWER CLIMBING KIT

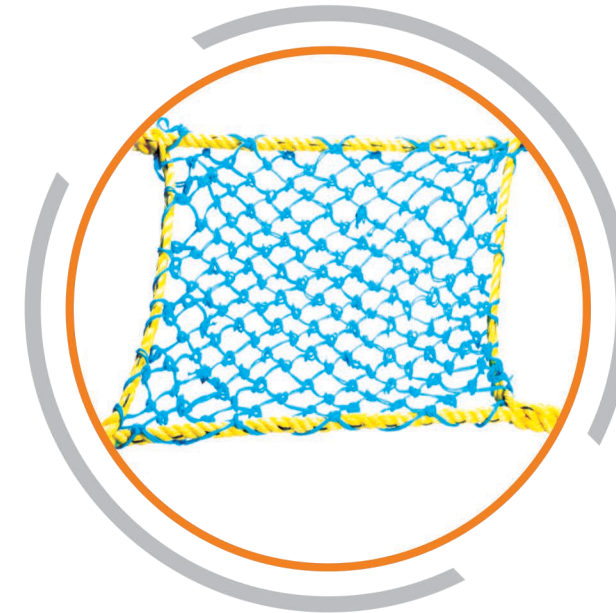
This Kit is designed for the personnel engaged in working on a high rise tower with an extra provision of bigger Hooks and easily adjustable Lanyards to suit the requirement of the working individual



AK-FP-56

# SAFETY NETS

Safety Nets can be important component of safety measures in construction and other work environments where the risk of debris falling or workers falling from heights exists. Aktion Nets are designed to minimize the risk of injury or death by catching falling objects or workers and preventing them from reaching the ground. Aktion Nets is defined into two nets : For Debris Fall and For Man Fall.

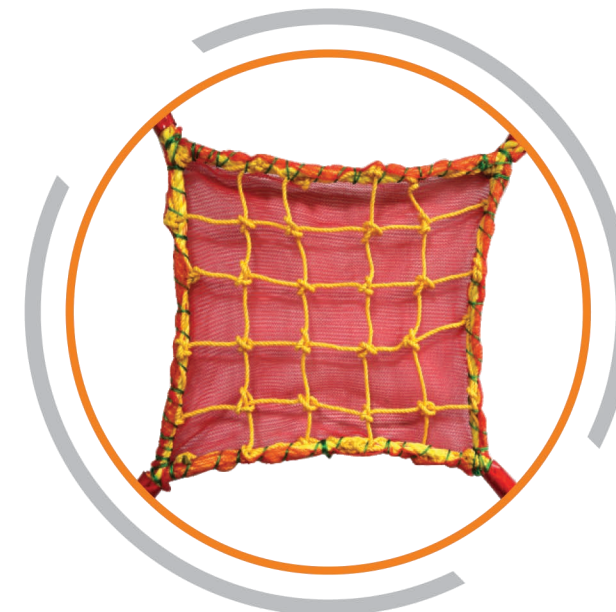
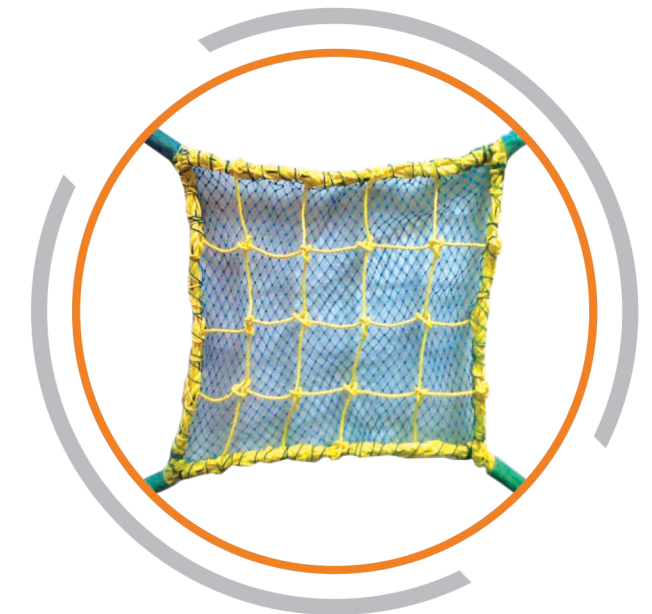


### 2MM DOUBLE CORD NET SPECIFICATION

Note Type :	Hand Made
Mesh Size :	30mm X 30mm
Mesh Rope :	2mm Double Cord with HDPE Rope
Border Rope :	12mm dia PP Rope (as per IS 5175)
Tie Dord Rope :	12mm dia PP Rope of 1.5mtr length at every 2.5 mtr interval

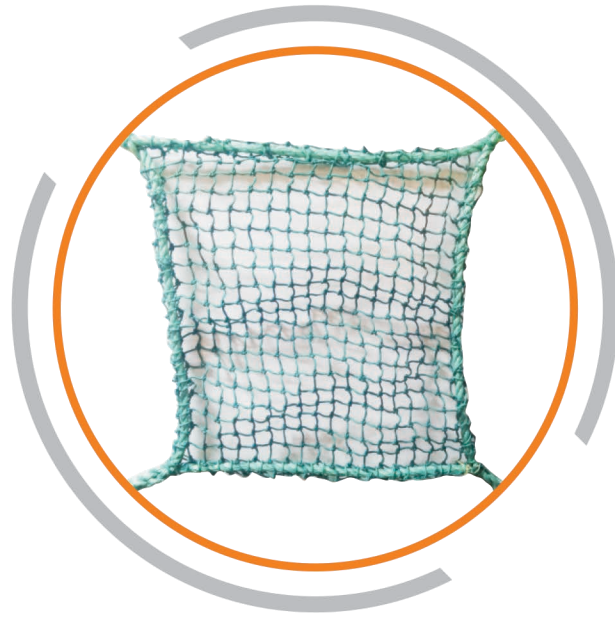
### DOUBLE LAYER 4MM WITH CONTAINMENT NET SPECIFICATION

1st LAYER	
Mesh Rope :	4mm PP Rope
Mesh Size :	100mm X 100mm (Hand Made)
2nd LAYER	
Mesh Rope :	1mm HDPE Rope
Mesh Size :	15-22mm (Machine Made)
Border Rope :	12mm dia PP Rope (as per IS 5175)
Tie Dord Rope :	12mm dia PP Rope of 1.5 mtr. Length at every 2.5mtr interval



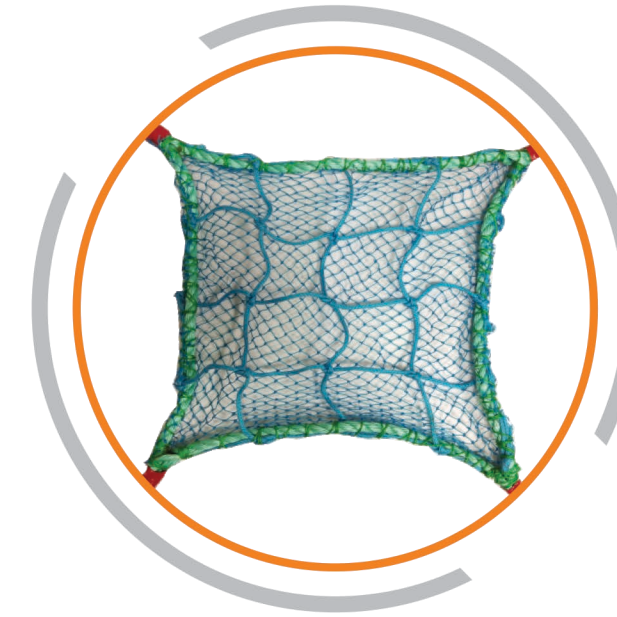
### DOUBLE LAYER 4MM WITH 120GSM MONOFILAMENT NET SPECIFICATION

1st LAYER	
Mesh Rope :	4mm PP Rope
Mesh Size :	100mm X 100m (Hand Made)
2nd LAYER	
GSM :	120 GSM Monofilament Net
Border Rope :	12mm Dia PP Rope (as per IS 5175)
Tie Dord Rope :	12mm dia PP Rope of 1.5mtr length at every 2.5mtr interval



**2.5MM BRAIDED NET**  
SPECIFICATION

Note Type :	Machine Made
Mesh Size :	30mm X 30mm / 25mm X 25mm
Mesh Rope :	2.5mm Braided Rope
Border Rope :	12mm dia PP Rope (as per IS 5175)
Tie Dord Rope :	12mm dia PP Rope of 2 mtr length at every 2.5mtr interval

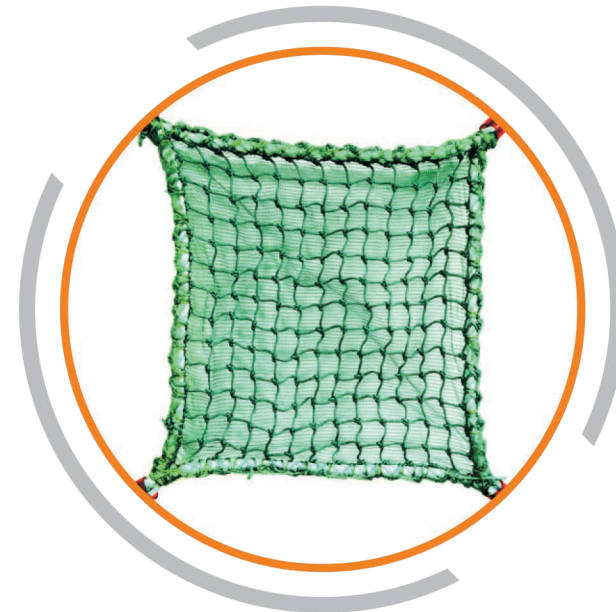


**DOUBLE LAYER 5MM BRAIDED WITH CONTAINMENT NET**  
SPECIFICATION

1st LAYER	
Mesh Rope :	5mm Braided
Mesh Size :	100mm X 100mm (Machine Made)
2nd LAYER	
Mesh Rope :	1mm HDPE Rope
Mesh Size :	15-22mm (Machine Made)
Border Rope :	12mm dia PP Rope (as per IS 5175)
Tie Dord Rope :	12mm dia PP Rope of 2mtr length at every 2.5mtr interval

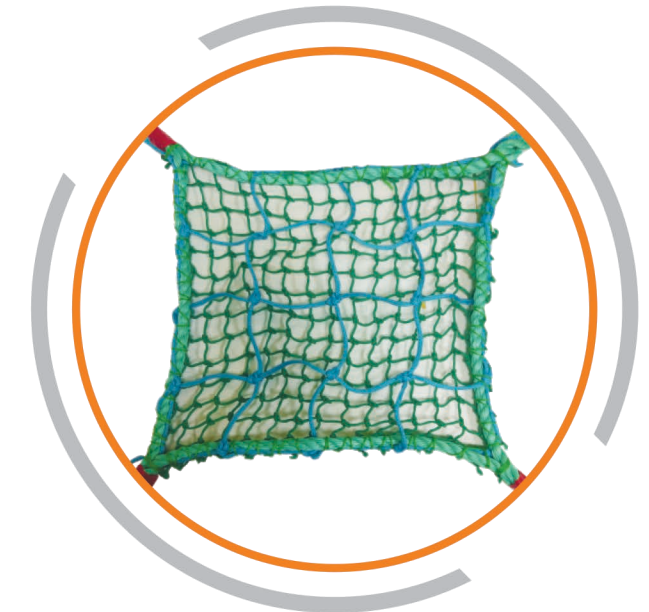
**DOUBLE LAYER 2.5MM WITH MONOFILAMENT NET**  
SPECIFICATION

1st LAYER	
Mesh Rope :	2.5mm Braided Rope
Mesh Size :	30mm X 30mm (Machine Made)
2nd LAYER	
GSM :	120 GSM Monofilament Net
Border Rope :	12mm dia PP Rope (as per IS 5175)
Tie Dord Rope :	12mm dia PP Rope of 2mtr length at every 2.5mtr interval



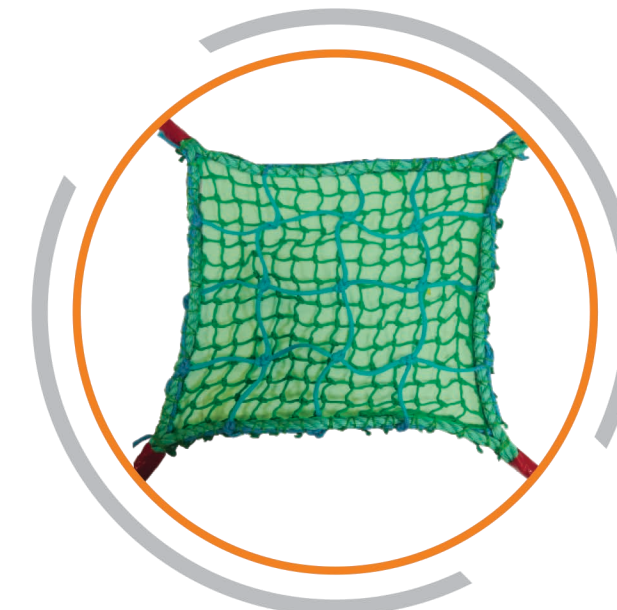
**DOUBLE LAYER 5MM WITH 2.5MM BRAIDED NET**  
SPECIFICATION

1st LAYER	
Mesh Rope :	5mm Braided Rope
Mesh Size :	100mm X 100mm (Machine Made)
2nd LAYER	
Mesh Rope :	2.5mm Braided
Mesh Size :	25mm X 25mm / 30mm X 30mm (Machine made)
Border Rope :	12mm dia PP Rope (as per IS 5175)
Tie Dord Rope :	12mm dia PP rope of 2mtr length at every 2.5 mtr interval



**TRIPLE LAYER 4MM WITH 2.5MM BRAIDED WITH CONTAINMENT NET**  
SPECIFICATION

1st LAYER	
Mesh Rope :	4mm PP Rope
Mesh Size :	100mm X 100mm (Hand Made)
2nd LAYER	
Mesh Rope :	2.5mm Braided
Mesh Size :	30mm X 30mm (Machine Made)
3rd LAYER	
GSM :	120 GSM Monofilament Net
Border Rope :	12mm dia PP Rope (as per IS 5175)
Tie Dord Rope :	12mm dia PP Rope of 2mtr length at every 2.5 mtr interval.



**TRIPLE LAYER 5MM WITH 2.5MM BRAIDED WITH MONOFILAMENT NET**  
SPECIFICATION

1st LAYER	
Mesh Rope :	5mm Braided
Mesh Size :	100mm X 100mm (Machine Made)
2nd LAYER	
Mesh Rope :	2.5mm Braided
Mesh Size :	25mm X 25mm / 30mm X 30mm (Machine made)
3rd LAYER	
GSM :	120 GSM Monofilament Net
Border Rope :	12mm dia PP Rope (as per IS 5175)
Tie Dord Rope :	12mm dia PP Rope of 2mtr length at every 2.5 mtr interval.



# LOCK OUT TAG OUT

Lock Out Tag Out product used in industry for safety purpose to prevent from electrical & mechanical accident. LOTO Products ensure that machine or device are properly shut down and not able to restart. Lock Out Tag Out products used to stop the energy flow and protect humans from electrical & Mechanical hazards & any other hazards

### » ELECTRICAL PANEL LOCKOUT DEVICES

Electrical Panel Lockout Devices helps us to completely shut down electronic systems to secure from electrical tragedy for high volt and low volt application.



#### AK-ACB-37 SPECIFICATION

Multipurpose Electrical Panel Lockout  
Made in two parts with locking arrangement

Material :	Made of sturdy plastic
Color :	Colour less
Weight :	22 gms
Width :	40mm
Height :	40mm



#### AK-VCB-39 SPECIFICATION

Mini Electrical Panel Lockout

Material :	Made of sturdy plastic
Color :	Colour less
Weight :	48 gms
Size :	L52 x W52 x H40mm



#### AK-EN-40 SPECIFICATION

Electrical Panel Lockout-Multi Devices with chain

Material :	Made of sturdy plastic
Color :	Colour less
Weight :	64 gms
Size :	L55 x W55 x H60mm



#### AK-EH-41 SPECIFICATION

Electrical Panel Lockout - Multi Devices-Outer  
circular base with provision of hole in base part

Material :	Made of sturdy plastic
Color :	Colour less
Box Dia. :	90mm
Box Height :	70mm
Height :	80mm
No. of Holes :	2
Weight :	124 gms



#### AK-EH-42 SPECIFICATION

Electrical Panel Lockout-Multi Devices-Outer  
circular base with provision of hole in base part

Material :	Made of sturdy plastic
Color :	Colour less
Weight :	218 gms
Box Dia. :	120mm
Box Height :	70mm
Height :	80mm
No. of Holes :	2



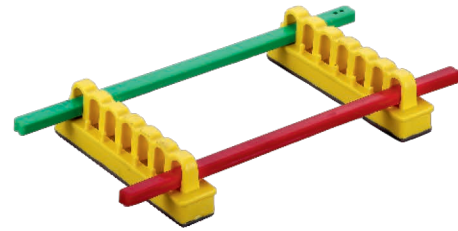
#### AK-PL-46 SPECIFICATION

Electrical Panel Lockout Device is most appropriate lockout device for oversized electrical push button on the electrical panel

Material :	Made of sturdy plastic
Color :	Colour less
Weight :	90 gms
Circle Dia. :	70mm
Height :	70mm
No. of Holes :	2

» ELECTRICAL PANEL LOCKOUT DEVICES

Electrical Panel Lockout Devices helps us to completely shut down electronic systems to secure from electrical tragedy for high volt and low volt application.



AK-ACB-36 SPECIFICATION

Air Circuit Breaker Lockout Kit:

Material :	Rail & bars are made from moulded ABS
Color :	Red, Yellow, Green
Weight :	55 gms
Size :	L100 x W20 x H20mm
Red & Green Blocking bar :	9" long Red mean locked off, Green mean locked on



AK-VCB-38 SPECIFICATION

Shut Down VCB Box

Material :	Mild Steel and Acrylic Sheet
Color :	Grey
Weight :	342 gms
Size :	L160 x W100 x H35mm



AK-HPL-43 SPECIFICATION

Electrical Handle Lockout with Padlock out & without Padlock out Made of three parts.

Material :	Made of ABS material + Steel		
Color :	Red & Yellow		
Weight :	50 gms		
Sticky Part dia. :	66 mm		
No of Holes on strip :	10	Strip Width :	20 mm
Strip Total dia in opening position :	135mm	Strip Total dia in closed position :	80mm



AK-MCCB-44 SPECIFICATION

Large Circuit Breaker Lockout with provision of moulded teeth for strong grip.

Material :	Made of ABS material		
Color :	Red		
Weight :	68 gms		
Length :	70 mm	Circle Dia :	60 mm
Height in Open Position :	115mm	Height in Closed Position :	100mm



AK-MCCB-45 SPECIFICATION

Large Circuit Breaker Lockout with provision of moulded teeth for strong grip- with adjustable screw. Easily fitted on lever of circuit breaker.

Material :	Made of ABS Material
Color :	Red
Weight :	38 gms
Size :	L70 x W40 x H10 mm



» MCB LOCKOUT DEVICES

MCB Lockout Devices helps us to completely shut down electronic systems to secure from electrical tragedy for high volt and low volt application



AK-MCB-51 SPECIFICATION

Mini Circuit Breaker Lockout

Material :	Made of sturdy plastic
Color :	Yellow
Weight :	9 gms
Size :	L10 x W25 x H45mm



AK-MCB-51(F-S) SPECIFICATION

Mini Circuit Breaker Lockout Device with self adjustable screw

Material :	Made of Sturdy Plastic
Color :	Yellow
Weight :	14 gms
Size :	L15 x W25 x H55mm



AK-UCBL-53 SPECIFICATION

Universal Circuit Breaker Lockout

Material :	Made of Sturdy Plastic
Color :	Red
Weight :	12 gms
Size :	L20 x W25 x H60mm



AK-UCBL-53 (F-S) SPECIFICATION

Universal Circuit Breaker Lockout with adjustable screw

Material :	Made of Sturdy Plastic
Color :	Red
Weight :	14 gms
Size :	L20 x W25 x H60mm
Screw Height :	23mm



AK-UCBL-54 SPECIFICATION

Universal Circuit Breaker Lockout

Material :	Made of Sturdy Plastic
Color :	Blue
Weight :	12 gms
Size :	L25 x W25 x H45mm



AK-UCBL-54 (F-S) SPECIFICATION

Universal Circuit Breaker Lockout Device with self adjustable screw

Material :	Made of Sturdy Plastic
Color :	Blue
Weight :	14 gms
Size :	L25 x W25 x H45mm

» MCB LOCKOUT DEVICES

MCB Lockout Devices helps us to completely shut down electronic systems to secure from electrical tragedy for high volt and low volt application.

AK-CBL-59 SPECIFICATION

Mini Circuit Breaker Lockout device with screw-suitable for single pole, for small curvature knob.

Material :	Made of Sturdy Plastic
Color :	Green
Weight :	8 gms
Size :	L10 x W20 x H45mm



AK-CBL-55 SPECIFICATION

Pin Out Circuit Breaker Lockout device pin type lockout is most suitable for MCB switch

Material :	Made of sturdy plastic & high tensile metallic pin and spring
Color :	Yellow
Weight :	7 gms
Size :	L23 x W25 x H40mm



AK-CBL-56 SPECIFICATION

Pin in Circuit Breaker Lockout device pin type lockout is most suitable for MCB switch

Material :	Made of sturdy plastic & high tensile metallic pin and spring
Color :	Green
Weight :	7 gms
Size :	L23 x W25 x H40mm



AK-CBL-57 SPECIFICATION

Pin out Circuit Breaker Lockout device pin type lockout is most suitable for MCB switch

Material :	Made of sturdy plastic & high tensile metallic pin and spring
Color :	Blue
Weight :	7 gms
Size :	L23 x W25 x H40mm



» SAFETY HASP LOCKOUT DEVICES

Safety HASP Lockout Devices provide effective multi-person lockout. Multiple padlocks can be applied to Lockout HASP, this allows an energy source to be isolated by more than one worker. This means that the energy source is completely locked out and can't be operated until each worker unlocks their padlock from the hasp.

AK-HS-67 SPECIFICATION

Lockout HASP best recommended for Electrical Panel, MCB etc.

Material :	Made of Mild Steel with vinyl moulded coating on grip		
Color :	Red, Green, Blue, Yellow		
Weight :	103 gms		
Jaw Size :	24mm		
Total Height :	115mm	Opening :	27mm
Shackle Height :	60mm	No. of Padlock Holes :	6



AK-HS-68 SPECIFICATION

Lockout HASP best recommended for Electrical Panel, MCB etc.

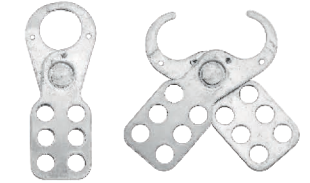
Material :	Made of Mild Steel with vinyl moulded coating on grip		
Color :	Red, Green, Blue, Yellow		
Weight :	119 gms		
Jaw Size :	34mm		
Total Height :	130mm	Opening :	39mm
Shackle Height :	73mm	No. of Padlock Holes :	6



AK-HS-69 SPECIFICATION

Lockout HASP best recommended for Electrical Panel, MCB etc.

Material :	Made of Mild Steel		
Color :	Metallic Silver		
Weight :	33 gms		
Jaw Size :	25mm		
Total Height :	110mm	Opening :	27mm
Shackle Height :	60mm	No. of Padlock Holes :	6



AK-HN-71 SPECIFICATION

Multi Device HASP ideal for Electrical Panels, MCB Switches and Panel Handles

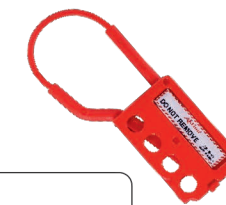
Material :	Made of sturdy plastic		
Color :	Red, Yellow		
Weight :	20 gms		
Jaw Size :	40mm		
Total Height :	130mm	Opening :	40mm
Shackle Height :	67mm	No. of Padlock Holes :	8



AK-HN-72 SPECIFICATION

Multi Device HASP ideal for Electrical Panels, MCB Switches and Panel Handles

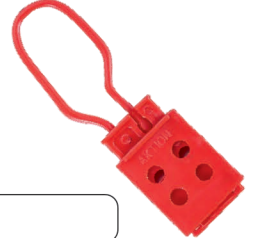
Material :	Made of sturdy plastic		
Color :	Red, Yellow		
Weight :	16 gms		
Jaw Size :	38mm		
Total Height :	130mm	Shackle width :	35mm
Shackle Height :	70mm	No. of Padlock Holes :	4



AK-HN-73 SPECIFICATION

Multi Device HASP ideal for Electrical Panels, MCB Switches and Panel Handles

Material :	Made of sturdy plastic		
Color :	Red		
Weight :	16 gms		
Jaw Size :	30mm		
Total Height :	155mm	Shackle width :	40mm
Shackle Height :	88mm	No. of Padlock Holes :	4



AK-SLDH-75 SPECIFICATION

Lockout HASP best recommended for Electrical Panel, MCB etc.

Material :	Made of sturdy plastic		
Color :	Red, Yellow		
Weight :	36 gms		
Jaw Size :	20mm		
Total Height :	115mm	Shackle width :	45mm
Shackle Height :	30mm	No. of Padlock Holes :	4



AK-SLDH-76 SPECIFICATION


HASP Best recommended for Electrical Panels, MCB etc.

Material :	Made of sturdy plastic		
Color :	Red, Yellow		
Weight :	35 gms		
Jaw Size :	20mm		
Total Height :	110mm	Shackle width :	45mm
Shackle Height :	25mm	No. of Padlock Holes :	4



» ELECTRICAL PLUG PNEUMATIC LOCKOUT DEVICES

Electrical Plug and Pneumatic lockout devices helps us to completely shut down electrical systems to secure from electrical tragedy for high volt and low volt application.



**AK-UEL-91** SPECIFICATION

Universal Multi Device Lockout Device for cylinder isolation - this is river Round Type -Can be used with padlock

Material :	Made of sturdy plastic
Color :	Red
Weight :	132 gms
Height :	170mm
Upper Dia.	85mm
Lower Dia.	90mm



**AK-LPG-92** SPECIFICATION

Universal Multi Device Lockout product for cylinder isolation

Material :	Made of sturdy plastic
Color :	Red
Weight :	360gms
Size :	L110 x B110 x H230mm
Upper Dia.	42mm




**AK-MP-95** SPECIFICATION

Mini Plug Cord Lockout is to protect themselves from the unexpected start up of machinery or electric circuit

Material :	Made of sturdy plastic
Color :	Red, Yellow
Weight :	78gms
Size :	L90 x W55 x H55mm
No. of Holes :	2

» ULD LOCKOUT DEVICES


ULD Lockout Devices helps us to completely block mechanical flow of energy to secure from tragedy. Prevents human life from water hazards.



**AK-ULD-21** SPECIFICATION

Universal Valve Lockout Device is perfect for locking all type valves


Material :	Made of sturdy plastic
Color :	Red
Weight :	242gms
Height :	170mm
Width :	80mm



**AK-ULD-22** SPECIFICATION

Universal Valve Lockout Device with insulated Cable to lock wheel/gate valve. It can be used to lockout ball valve.


Material :	ABS + METAL Part+Spring+ PU
Color :	Red
Weight :	312gms
Height :	165mm
Width :	80mm
Cable Length :	2.5mtr



**AK-ULD-23** SPECIFICATION

Universal Valve Lockout Device having one long arm used to lockout ball valve

Material :	ABS + METAL Part+Spring+ PU
Color :	Red
Weight :	410gms
ULD Height :	165mm
Width :	50mm
Long Arm Height :	150mm
Total Height :	240mm



**AK-ULD-24** SPECIFICATION

Universal Valve Lockout Device having double long arm used to lockout ball valve

Material :	ABS + METAL Part+Spring+ PU
Color :	Red
Weight :	696gms
ULD Height :	170mm
Width :	60mm
Long Arm Height :	200mm
Total Height :	390mm


» CABLE LOCKOUT DEVICES


Cable Lockout Device is a versatile lockout device. A long flexible cable can be passed around an assortment of prime mover isolating devices e.g. Valve wheels and levers and electrical switchgear handles. The cable passes back into the locking device and is secured in place with a padlock.

**AK-MWD-26** SPECIFICATION

Multipurpose Cable Lockout Device used as HASP and Cable Lockout, ideal for multiple application

Material :	Upper part made of ABS composition with 6 hole for locking purpose and slot for gripping insulated cable. Provided with 2.5 mtr insulated cable
Color :	Red, Yellow
Weight :	188gms
Height :	150mm
Width :	70mm
Shackle Height :	60mm
Shackle Width :	45mm





**AK-MSD-28** SPECIFICATION


Multipurpose Cable Lockout Device used to Lockout Electrical and Mechanical devices

Material :	Made of ABS Material in two parts having 6 holes with 2 mtr steel cable with Insulation. PVC insulated Coating
Color :	Red
Weight :	102gms
Height :	120mm
Width :	30mm
Opening Length :	240mm

**AK-MSD-29** SPECIFICATION

Multipurpose cable Lockout Device in circular shape, used to lockout electrical and mechanical devices

Material :	Made of ABS Material in two parts having 6 holes with 2 mtr steel cable with Insulation
Color :	Red
Weight :	114gms
Height :	50mm
Width :	20mm





» GATE VALVE LOCKOUT DEVICE

Gate Valve Lockout Device is made by two parts, these rotational valve covers can withstand extreme weather conditions. It is very flexible lockout arrangement that fits on gate valves of different dimensions. Surrounds the valve handwheel to prevent from being turned and protect against accidental operations.



AK-GVL-02-W  
SPECIFICATION

Gate Valve Lockout Device made in two parts with arrangement for locking Gate Valves. Once locked, they rotate freely around the hand wheel and prevent the valve wheel from being turned.

Material :	Made of sturdy plastic
Color :	Red
Weight :	54gms
Valve Dia. :	80mm
Hole Dia. :	30mm
Valve width :	40mm



AK-GVL-04-W  
SPECIFICATION

Gate Valve Lockout Device made in two parts with arrangement for locking Gate Valves. Once locked, they rotate freely around the hand wheel and prevent the valve wheel from being turned.

Material :	Made of sturdy plastic
Color :	Red
Weight :	225gms
Valve Dia. :	160mm
Hole Dia. :	50mm
Valve width :	40mm



AK-AGVL-06-W (R/Y)  
SPECIFICATION

Gate Valve Lockout Device made in two parts with arrangement for locking Gate Valves. Once locked, they rotate freely around the hand wheel and prevent the valve wheel from being turned.

Material :	Made of sturdy plastic
Color :	Red, Yellow
Weight :	256gms
Size :	L260 x W140 x H50mm
No. of Holes :	4



AK-GVL-08-W  
SPECIFICATION

Gate Valve Lockout Device made in two parts with arrangement for locking Gate Valves. Once locked, they rotate freely around the hand wheel and prevent the valve wheel from being turned.

Material :	Made of sturdy plastic
Color :	Red
Weight :	630gms
Valve Dia. :	280mm
Hole Dia. :	100mm
Valve width :	60mm



AK-GVL-10-W  
SPECIFICATION

Gate Valve Lockout Device made in two parts with arrangement for locking Gate Valves. Once locked, they rotate freely around the hand wheel and prevent the valve wheel from being turned.

Material :	Made of sturdy plastic
Color :	Red
Weight :	1200gms
Valve Dia. :	380mm
Hole Dia. :	120mm
Valve width :	160mm



AK-MUSHROOM  
SPECIFICATION

Mushroom made in two parts with arrangement for locking Gate Valves. Once locked, they rotate freely around the hand wheel and prevent the valve wheel from being turned.

Material :	Made of sturdy plastic
Color :	White, Red
Weight :	54gms
Valve Dia. :	80mm
Hole Dia. :	30mm
Valve width :	40mm

» VALVE LOCKOUT DEVICES

Valve Lockout Devices shut off many kinds of pressured valves including: ball valve, butterfly valve, cylinder valve, gate valve, plug valve and pneumatic. Adjustable and universal devices are available for additional flexibility. Used to stop the flow of Mechanical Energy and prevent human life from water hazards.



AK-BVL-11  
SPECIFICATION

Ball Valve Lockout Device with double legs. Hole on both parts will match and multi lock can be used at the time of isolation. 6 Lock at a time can be used- without group lockout devices.

Material :	Made of sturdy plastic
Color :	Red
Weight :	200gms
Height :	90mm
Open Length :	300mm
Close Length :	220mm
No. Of Padlock Holes :	6



AK-BVL-11  
SPECIFICATION

Ball Valve Lockout Device with double legs. Hole on both parts will match and multi lock can be used at the time of isolation. 7 Lock at a time can be used- without group lockout devices.

Material :	Made of sturdy plastic
Color :	Red
Weight :	160gms
Height :	90mm
Open Length :	250mm
Close Length :	165mm
No. Of Padlock Holes :	7



AK-BVL-13  
SPECIFICATION

Ball Valve Lockout Device with double legs. Hole on both parts will match and multi lock can be used at the time of isolation. 6 Lock at a time can be used- without group lockout devices.

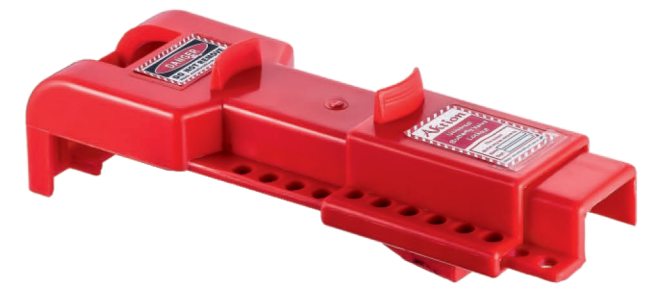
Material :	Made of sturdy plastic
Color :	Red
Weight :	176gms
Height :	90mm
Open Length :	240mm
Close Length :	150mm
No. Of Padlock Holes :	6



AK-BVL-14  
SPECIFICATION

Ball Valve Lockout Device with double legs. Hole on both parts will match and multi lock can be used at the time of isolation. 7 Lock at a time can be used- without group lockout devices.

Material :	Made of sturdy plastic
Color :	Red
Weight :	180gms
Height :	100mm
Open Length :	220mm
No. Of Padlock Holes :	7



AK-BFL-16  
SPECIFICATION

Butterfly Valve Lockout Device Holes on both parts will match and multi lock can be used at the time of isolation. 12 Lock at a time can be used with out group lockout devices.

Material :	Made of sturdy plastic
Color :	Red
Weight :	295gms
Height :	70mm
Open Length :	300mm
No. Of Padlock Holes :	12

## >> SAFETY LOCKOUT PADLOCKS

Safety Lockout Padlocks are used to control electrical and water flow of energy. LOTO products ensure us that the device is shut down and not able to restart for further use. These products are used to prevent human life from water & electrical hazards.

### AK-JPL-101 SPECIFICATION

Padlock Long shackle with de-electric ABS cover with photo labels & different key ring. Each padlock is provided with 3 keys



Material :	Lock and Shackle made from strong steel. ABS cover.
Color :	Red, Blue, Yellow, Green
Weight :	134gms
Height :	90mm
Width :	40mm
Shackle Height in Closed Position :	55mm
Shackle Width in Closed Position :	30mm

### AK-JPL-102 SPECIFICATION

Padlock Long shackle with de-electric ABS cover with photo labels & different key ring. Each padlock is provided with 3 keys



Material :	Lock and Shackle made from strong steel. ABS cover.
Color :	Red, Blue, Yellow, Green
Weight :	123gms
Height :	65mm
Width :	40mm
Shackle Height in Closed Position :	38mm
Shackle Width in Closed Position :	28mm

### AK-JPL-103 SPECIFICATION

Padlock De-electric ABS cover with photo labels & different key ring. Each padlock is provided with 3 keys



Material :	Lock and Shackle made from strong steel. ABS cover.
Color :	Red, Blue, Yellow, Green
Weight :	88gms
Height :	50mm
Width :	40mm
Shackle Height in Closed Position :	20mm
Shackle Width in Closed Position :	22mm

### AK-JPL-104 SPECIFICATION

Padlock De-electric ABS cover with photo labels & different key ring. Each padlock is provided with 3 keys



Material :	Lock and Shackle made from strong steel. ABS cover.
Color :	Red, Blue, Yellow, Green
Weight :	103gms
Height :	90mm
Width :	40mm
Shackle Height in Closed Position :	55mm
Shackle Width in Closed Position :	25mm

### AK-JPL-105 SPECIFICATION

Padlock Long shackle with de-electric ABS cover with photo labels & different key ring. Each padlock is provided with 3 keys



Material :	Lock and Shackle made from strong steel. ABS cover.
Color :	Red, Blue, Yellow, Green
Weight :	154gms
Height :	100mm
Width :	50mm
Shackle Height in Closed Position :	60mm
Shackle Width in Closed Position :	30mm

### AK-JPL-107 SPECIFICATION

Padlock Long shackle with de-electric ABS cover with photo labels & different key ring. Each padlock is provided with 3 keys



Material :	Lock and Shackle made from strong steel. ABS cover.
Color :	Red, Blue, Yellow, Green
Weight :	105gms
Height :	100mm
Width :	50mm
Shackle Height in Closed Position :	60mm
Shackle Width in Closed Position :	30mm

### AK-JPL-107 (PS) SPECIFICATION

Padlock Long shackle with de-electric ABS cover with photo labels & different key ring. Each padlock is provided with 3 keys



Material :	Lock and Shackle made from strong steel. ABS cover.
Color :	Red, Blue, Yellow, Green
Weight :	51gms
Height :	100mm
Width :	50mm
Shackle Height in Closed Position :	60mm
Shackle Width in Closed Position :	30mm

### AK-JPL-109 SPECIFICATION

Electric Panel Door Lock Eye



Material :	Mild Steel
Color :	Red
Weight :	23gms, 20gms, 16gms
Height :	150mm, 140mm, 130mm
Set :	Long, Medium, Small

## >> SCAFFOLDING TAG & HOLDER



### SCAFFOLDING TAG & HOLDER SPECIFICATION

Scaffold Tag Holder to hold the tag with inner round hole

Material :	Made of ABS plastic material
Color :	White
Size of Holder :	300mm x 85.5mm
Cutout dia of Holder :	55.5mm
Tag Insert Size :	76mm x 185.5mm



## >> SAFETY LOCKOUT TAGS

Self-laminated tags basically indicate danger, caution and some other important points related to the installed device. It can also be fixed with cable tie with lockout devices, and padlock. Made of Polyester/Plastic that is re-writable of thickness 0.3 mm -0.5 mm (±10%) so can be re-used many times. Printing is resistant to water and oil. To hang the tags eye lid is provided which also prevents it from any damage and tear.



» LOCK OUT STATIONS

Lockout Station gives a storage space at one location for lockout products like Electrical panel devices, MCB devices, Safety HASP devices ULD devices & many more. Lockout Stations allows you to secure the board which is near by energy source So you can easily access Lock Out Tag Out equipment.



**AK-LTS-111** SPECIFICATION

Lockout Station without lockout devices. Used for storage of Lock Out Tag Out devices at a single place.

Material :	Powder Coated MS sheet. Front side in acrylic sheet.
Color :	Red, Yellow
Weight :	5000 gms
Size :	L380 x W1200 x H420mm
No. of Shelves :	2



**AK-LS-114** SPECIFICATION

Lockout Station without lockout devices. Used for storage of Lock Out Tag Out devices at a single place.

Material :	Powder Coated MS sheet. Front door having transparent acrylic sheet. Provision for locking the door
Color :	Red, Yellow
Weight :	3890 gms
Size :	L380 x W80 x H430mm
No. of Hangers :	3



**AK-GLS-115** SPECIFICATION

Group Lockout Box useful for objects storage and carriage. The box can't be opened till the last padlock has been removed.

Material :	Powder Coated MS sheet.
Color :	Red, Yellow
Weight :	1530 gms
Size :	L260 x W100 x H150mm
No. of Hangers :	12



**AK-GLS-116** SPECIFICATION

Lock Out Station designed to hold Lock Out padlocks

Material :	Made of powder coated MS Sheet
Color :	Yellow
Weight :	898 gms
Size :	L310 x W70 x H300mm
Inner Storage Size :	L30 x W75 x H70mm
No. of Hangers :	6



**AK-OPEN-117** SPECIFICATION

Open Lock Out Station having different hangers and tag holder for keeping LOTO products

Material :	ACP
Color :	White



**AK-KIT-118** SPECIFICATION

Lockout Pouch with belt without devices. Easy to carry & waterproof.

Material :	Made of matty
Color :	Black
Weight :	182gms



**AK-KIT-119** SPECIFICATION

Lockout Pouch with waist belt without devices. Easy to carry & waterproof.

Material :	Made of matty
Color :	Black
Weight :	194gms



**AK-TIE-120** SPECIFICATION

Cable Tie is usually used for tying bundles of cables together

Material :	Nylon
Color :	White



**AK-PEN-121** SPECIFICATION

Marker Pen is used to create permanent writing on an object

Material :	Plastic
Color :	Black, Blue, Green, Red

**LOTO COMMON KIT PLUS (AK-KIT 202)**



**LOTO CIRCUIT BREAKER LOCKOUT KIT (AK-KIT 204)**



**LOTO ELECTRICAL POWER & PANEL LOCKOUT DEVICE KIT (AK-KIT 206)**



**LOTO FULL LOCKOUT STATION KIT (AK-KIT 208)**



**LOTO LOCKOUT STATION KIT (AK-KIT 210)**



**LOTO SAFETY PERSONAL KIT (AK-KIT 203)**



**LOTO ELECTRICAL LOCKOUT KIT (AK-KIT 205)**



**LOTO PLANT & MACHINERY LOCKOUT KIT (AK-KIT 207)**



**LOTO ELECTRICAL & MECHANICAL LOCKOUT KIT (AK-KIT 209)**



**LOTO LOCKOUT STATION KIT (AK-KIT 211)**



