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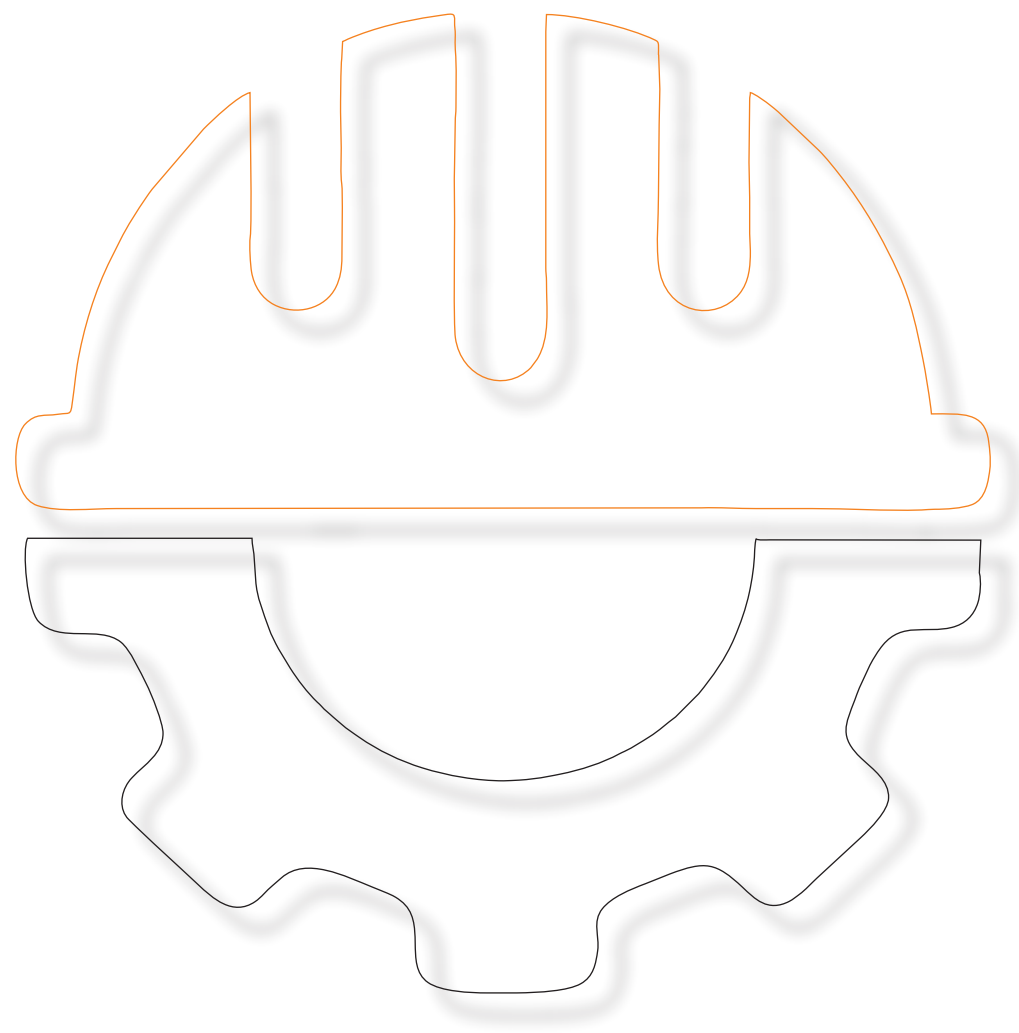
🌐 www.aktionsafety.com



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AKTION SAFETY SOLUTIONS PVT. LTD.

LEADERS IN MANUFACTURING OF SAFETY PRODUCTS.



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.

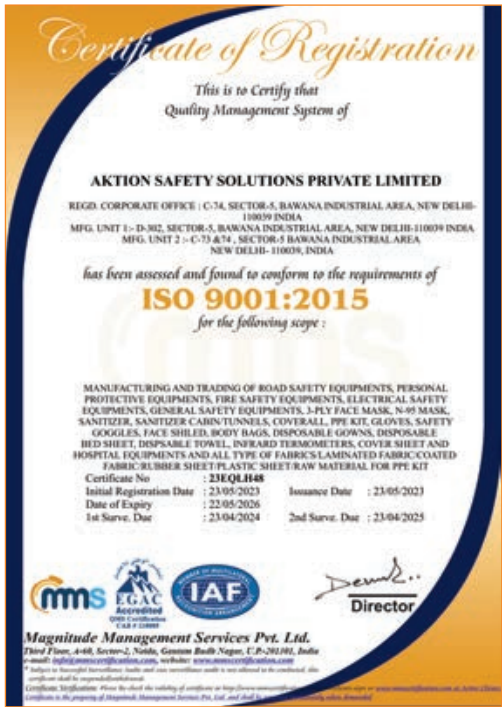
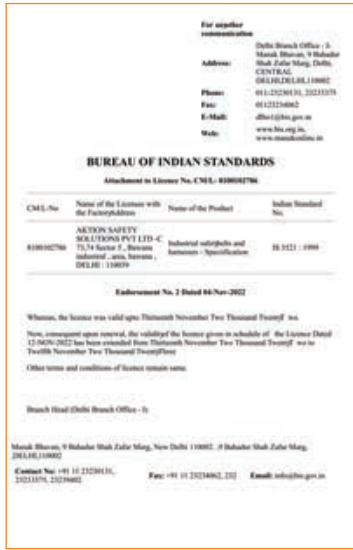
VALUES

- ♦ **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

CONTENTS

SECTION	PAGE NO.
01. HEAD PROTECTION	01-04
02. PROTECTIVE WORKWEAR	05-10
03. FOOT PROTECTION	11-20
04. HARNESSES & BELTS	21-28
05. HOOKS AND CONNECTORS	29-30
06. LANYARDS	31-36
07. TEMPORARY ANCHORAGE LINE SYSTEM	37-40
08. RETRACTABLE BLOCK	41-42
09. SELF CONTAINED SAFETY KITS	43-46
10. SAFETY NETS	47-50
11. ROAD SAFETY	51-58
12. PARKING SOLUTIONS	59-66
13. LOCK OUT TAG OUT	67-80
14. FIRE SAFETY	81-82
15. FACE, HAND, EAR PROTECTION	83

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

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

2007

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

2010

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

2012

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

2014

Aktion entered into international market and started exporting products.

2016

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.

2021

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



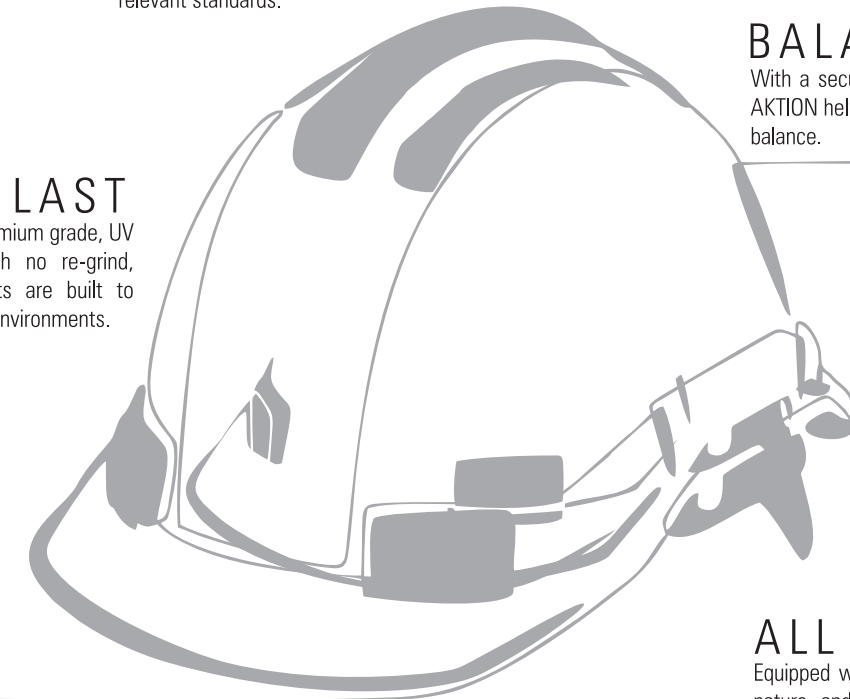
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TESTED & CERTIFIED

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



CM/L 8100102887



HUMIDITY CHAMBER



SHOCK ABSORPTION TEST



PENETRATION TEST

IS 2925:1984



CM/L 8100102887

Provided with side slots for fitting face and hearing accessories

Manual type adjustment to suit most head sizes

Adjustable Chin-Strap for universal adjustment

Extended Nape for extra impact protection to the user's neck.

Made of high quality HDPE

Quadro Corrugation For Enhanced Strength

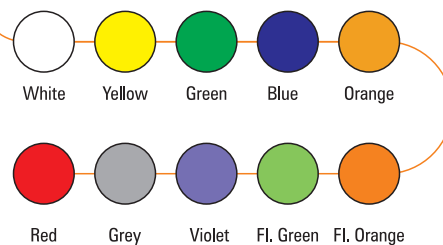
Back Side

AKH-01 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 standards which can be used in the toughest of conditions to provide the highest level of safety.

Certified to :	IS 2925:1984
Type :	Nape 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



IS 2925:1984



CM/L 8100102887

Provided with side slots for fitting face and hearing accessories

Extended Ratchet for extra impact protection to the user's neck.

Adjustable Chin-Strap for universal adjustment

Ratchet type adjustment to suit most head sizes

Made of high quality HDPE

Quadro Corrugation For Enhanced Strength

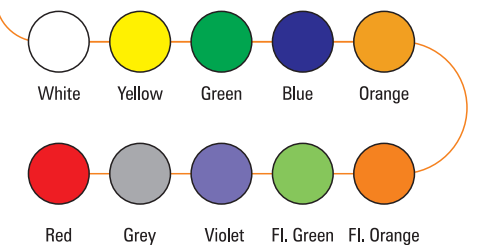
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AKH-02 SPECIFICATION

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 standards which can be used in the toughest of conditions to provide the highest level of safety.

Certified to :	IS 2925:1984
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





PROTECTIVE WORKWEAR

AKTION offers a vast range of protective workwear which is highly popular and ideally suited for use in industrial applications. Also, available in customized specifications as per the requirements. AKTION protective workwear is well tested on various quality parameters and conforms to ISI norms.

FEATURES OF AKTION WARNING CLOTHES

IS 15809:2017



CM/L 8100105792



TESTING

TESTED & CERTIFIED



COLOR FASTENING TEST



WASHING FASTNESS TEST



HOT & COLD WASH

IS 15809:2017



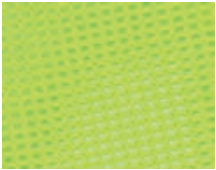
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CUSTOMIZE YOUR OWN WARNING CLOTHES

» TYPE OF FABRICS AVAILABLE

- 100% Polyester Fabric
- 100% Twill Cotton Fabric
- 65%-35% Polyester-Cotton Fabric
- Water proof Fabric
- Flame Resistant Fabric
(GSM Available - 50 GSM, 60-70 GSM, 90 GSM, 100 GSM, 120 GSM, 140 GSM, 180 GSM, 200 GSM)

*Note - Any other GSM will be available on request.



Net Type



100% Cotton Cloth Type

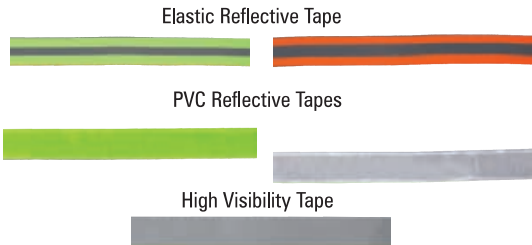


100% Polyester Cloth Type

» TYPE OF REFLECTIVE TAPES AVAILABLE

- PVC Reflective Tapes (1", 2")
- High Visibility Tape (50 wash, 75 wash, 100 wash)
- Elastic Reflective Tape (1", 2")

*Note - Any other size and wash will be available on request.



» TYPE OF PRINTINGS AVAILABLE

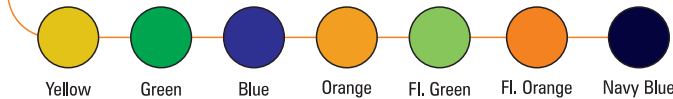
- Sublimation Printing (1 x 1", 2 x 2", 4 x 4", 4 x 8")
- Rubberized Printing
- Heat Transfer Reflective Printing

*Note - Any other size in sublimation printing will be available on request.



Sublimation Printing

COLOR OPTIONS



IS 15809:2017
CM/L 8100105792



» WORKWEAR 100% COTTON COVER ALL

Body protection cover all is 100% cotton fabric closely knitted to ensure maximum heat dissipation and comfort.
2 patch type pockets on the chest with covering flaps,
2 side pockets & 2 patch type back pockets with covering flaps and trouser to prevent entering of any type of splash and a pen pocket on the left. Prismatic type reflective tapes on arms, legs back and extended till Chest pockets, Zipper, Tape and Velcro.

IS 15809:2017
CM/L 8100105792



Model No.	Size	Thickness (GSM)
AK-BSC180S	Small	180 GSM
AK-BSC180M	Medium	180 GSM
AK-BSC180L	Large	180 GSM
AK-BSC180XL	XL	180 GSM
AK-BSC210-240S	Small	210-240 GSM
AK-BSC210-240M	Medium	210-240 GSM
AK-BSC210-240L	Large	210-240 GSM
AK-BSC210-240XL	XL	210-240 GSM
AK-BSC340S	Small	340 GSM
AK-BSC340M	Medium	340 GSM
AK-BSC340L	Large	340 GSM
AK-BSC340XL	XL	340 GSM

*All the accessories like reflective tapes, extra pockets, logo and other changes can be customised.

» SAFETY VESTS AND JACKETS

Aktion Reflective Safety Jackets are used by person working in sensitive and dangerous areas. Police and Security persons use to segregate themselves from a common man. Besides these are also used to create a Corporate Image. These safety jackets increase the visibility of individual at night and poor light conditions. These are available in various fluorescent Orange/Green/Yellow Colour fabric using reflective tapes/micro prismatic PVC tape (EN-471 standard). These jackets can also be custom made as per customers requirement in respect of type of colour of fabric, reflective materials, Velcro or Chain for locking. Logos at front or Back (Printed or Reflective).



AK 636	SPECIFICATION
150gsm Polyester net Type Fabric on Shoulder & Stomach	
150gsm Polyester Cloth Type Fabric on Chest & Waist	
1" Prismatic High Visibility Tape on Green Fashion Stripe	
Zipper Enclosure	
Green Color Piping	
2 Square Pocket with Flap	



AK 637	SPECIFICATION
200gsm 100% Polyester Cloth Type Fabric	
2" 75 Wash Reflective Tape	
Zipper Enclosure	
Orange Color Piping	
2 Square Pocket	



AK 638	SPECIFICATION
200gsm 100% Twill cotton Cloth Type Fabric	
2" 75 Wash Reflective Tape	
Zipper Enclosure	
Orange Color Piping	
2 Square Pocket	



AK 608	SPECIFICATION
90gsm Net Type Fabric	
50 Wash Prismatic High Visibility Tape	
Zipper Enclosure	
Green Color Piping	
Transparent Pocket for ID Card	



AK 601	SPECIFICATION
50gsm Cloth Fabric	
2" PVC Reflective Tape	
Velcro For Enclosure	
Black Color Piping	



AK 602	SPECIFICATION
70gsm Net Type Fabric	
2" PVC Reflective Tape	
3 Side Open Pattern	
Black Color Piping	



AK 603 (Cross Belt)	SPECIFICATION
70gsm Cloth Type Fabric	
2" PVC Reflective Tape	
Orange Color Piping	



AK 605	SPECIFICATION
50gsm Net Type Fabric	
2" PVC Reflective Tape	
Velcro For Enclosure	
Black Color Piping	



AK 606	SPECIFICATION
90gsm Net Type Fabric	
2" Reflective Grey Tape	
3 Side Open Pattern	
Green Color Piping	



AK 634	SPECIFICATION
90gsm Net Type Fabric	
2" Prismatic High Visibility Tape on Orange Fashion Stripe	
Zipper Enclosure	
Orange Color Piping	
2 Square Pocket with Flap	



AK 614(Arm Bands)



AK 615 (Hand Gloves)

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, 200 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 IS 15298(Part 2) : 2016	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	-	-	-	-

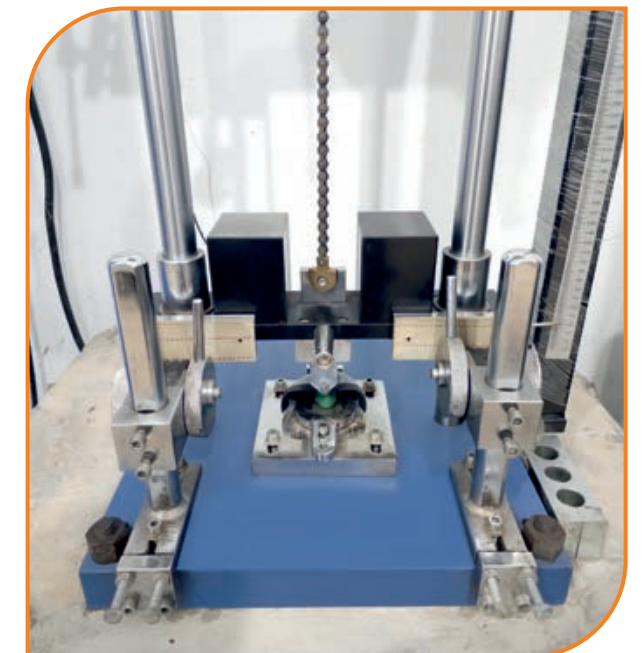
TESTING



SOLE FLEXING RESISTANCE TEST



SOLE ABRASION RESISTANCE TEST



TOE IMPACT TEST

TESTED & CERTIFIED

IS 15298(Part 2):2016



CM/L 2656465

FEATURES OF AKTION SAFETY FOOTWEAR



SYMBOLS SHOE FEATURES



FOOT PROTECTION



SA-1802 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 Red color 3d spacer lining with heavy foaming for better comfort experience.
Insocks :	Moulded EVA Insock.
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 :	6-10 (UK) or 40 to 44
Certified to :	ISI 15298:2016 (Part-2)



SA-1801 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 :	6-10 (UK) or 40 to 44
Certified to :	ISI 15298:2016 (Part-2)



SA-1510 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 15298:2016 (Part-2)





SA-1509 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 :	Double Density PU With Cleated Outsole. Slip, Oil & Acid Resistant.
Optional Features :	Antistatic, Single Density, Composite Toe, Steel Mid Plate.
Size :	5-11 (UK) or 39 to 45
Certified to :	IS 15298:2016 (Part-2)



SA-1508 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 :	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, Double Density, Composite Toe, Steel Mid Plate.
Size :	5-11 (UK) or 39 to 45
Certified to :	IS 15298:2016 (Part-2)



SA-1507 SPECIFICATION

Ultra Light Weight and Flexible sporty shoe.

Upper :	Knitted fabric upper in army print equipped with breathable soft black polybride fabric lining with foam.
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, Double Density, Composite Toe, Steel Mid Plate.
Size :	5-11 (UK) or 39 to 45
Certified to :	IS 15298:2016 (Part-2)



SA-1506 SPECIFICATION

Premium Range Safety footwear specially designed for executive class.

Upper :	Made from genuine breathable leather equipped with black color cambrelle lining with foam having high abrasion resistance in dry and wet conditions.
Insocks :	Moulded EVA Insock.
Toe Cap :	Broad Steel Toe Cap.
Outsole :	Double Density PU With Cleated Outsole. Slip, Oil & Acid Resistant.
Optional Features :	Antistatic, Single Density, Composite Toe, Steel Mid Plate.
Size :	5-11 (UK) or 39 to 45
Certified to :	IS 15298:2016 (Part-2)



SA-1505 SPECIFICATION

Premium Range Safety footwear specially designed for executive class.

Upper :	Made from breathable genuine leather having high sweat absorbing black cambrelle lining.
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, Double Density, Composite Toe, Steel Mid Plate.
Size :	5-11 (UK) or 39 to 45
Certified to :	IS 15298:2016 (Part-2)



SA-1503 SPECIFICATION

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

Upper :	Made from genuine breathable leather with codura fabric enhances breathability, makes shoe lighter in weight.
Insocks :	Softy EVA orthopaedic 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 15298:2016 (Part-2)

* Also Available In Double Density (SA-1504)





SA-1501 SPECIFICATION

Premium Range Safety footwear specially designed for executive class.

Upper :	Made from genuine breathable leather equipped with yellow color Spacer 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 Outsole, Composite Toe, Steel Mid Plate.
Size :	5-11 (UK) or 39 to 45
Certified to :	IS 15298:2016 (Part-2)

* Also Available In Double Density (SA-1504)



SA-1210 SPECIFICATION

Elegant workman's choice safety shoe providing safety with comfort.

Upper :	Made from breathable genuine leather comes with black liberty lining with foam for enhance comfort and has smart grey stitching with bonded thread for a smart look.
Insocks :	4mm EVA laminated Speed mesh fabric.
Toe Cap :	Broad Steel Toe Cap.
Outsole :	Double Density With Cleated Outsole. Slip, Oil and Acid Resistant.
Optional Features :	Antistatic, Composite Toe, Steel Mid Plate.
Size :	5-11 (UK) or 39 to 45
Certified to :	IS 15298:2016 (Part-2) & EN-20345:2011



SA-201 SPECIFICATION

Elegant workman's choice safety shoe providing safety with comfort.

Upper :	Made from breathable genuine leather comes with black liberty lining with foam for enhance comfort and has smart grey stitching with bonded thread for a smart look.
Insocks :	4mm EVA laminated Speed mesh fabric.
Toe Cap :	Broad Steel Toe Cap.
Outsole :	Single Density With Cleated Outsole. Slip, Oil and Acid Resistant.
Optional Features :	Antistatic, Composite Toe, Steel Mid Plate.
Size :	5-11 (UK) or 39 to 45
Certified to :	IS 15298:2016 (Part-2) & EN-20345:2011



SA-1702 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, Composite Toe, Steel Mid Plate.
Size :	5-11 (UK) or 39 to 45
Certified to :	IS 15298:2016 (Part-2)

* Also Available In Single Density (SA-1701)



SA-605 SPECIFICATION

Worker's Safety shoe providing safety with comfort.

Upper :	Made from 1.8mm thickness of Synthetic leather which comes with fortis fabric lining with which enhances the comfort and flexibility.
Insocks :	4mm EVA laminated Speed mesh fabric.
Toe Cap :	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



SA-604 SPECIFICATION

Worker's Safety shoe providing safety with comfort.

Upper :	Made from breathable genuine leather which comes with fortis fabric lining with which enhances the comfort and flexibility.
Insocks :	4mm EVA laminated Speed mesh fabric.
Toe Cap :	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
Certified to :	IS 15298:2016 (Part-2)





RA-704 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 orange color speed mesh lining with foam.
Insocks :	3mm EVA laminated Speedmesh 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



RA-703 SPECIFICATION

Worker's Safety shoe providing safety with comfort.

Upper :	Low ankle shoe made synthetic leather upper having nawazo print and comes with high sweat absorbing Black color Sapphire lining with foam.
Insocks :	3mm 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



RA-701 SPECIFICATION

Worker's Safety shoe providing safety with comfort.

Upper :	Low ankle shoe made synthetic leather upper equipped with high sweat absorbing Black color Polybride lining with foam and has White color stitching for smart look.
Insocks :	3mm 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



JUNGLE BOOT SPECIFICATION

Jungle Boot Specially designed for Paramilitary Forces.

Upper :	Water Repellent polyester viscous fabric with genuine leather and hard toe comes with Black Cambrelle lining.
Insocks :	Anti Fatigue Moulded EVA Insole.
Toe Cap :	Hard Toe
Outsole :	Single Density PU With Cleated Outsole. Slip, Oil & Acid Resistant.
Optional Features :	Steel Mid Plate.
Size :	5-11 (UK) or 39 to 45
Certified to :	IS 15298:2016



TACTICAL BOOT SPECIFICATION

Tactical Boot Specially designed for Paramilitary Forces.

Upper :	Made from Genuine leather equipped with cambrelle lining with Foam.
Insocks :	Anti Fatigue Moulded EVA Insole.
Toe Cap :	Hard Toe
Outsole :	Single Density PU With Cleated Outsole. Slip, Oil & Acid Resistant.
Optional Features :	Steel Mid Plate.
Size :	5-11 (UK) or 39 to 45
Certified to :	IS 15298:2016



GUMBOOT SPECIFICATION

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

Upper :	Made from heavy duty PVC
Lining :	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 15298:2016 (Part-4)





HARNESSES & 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.

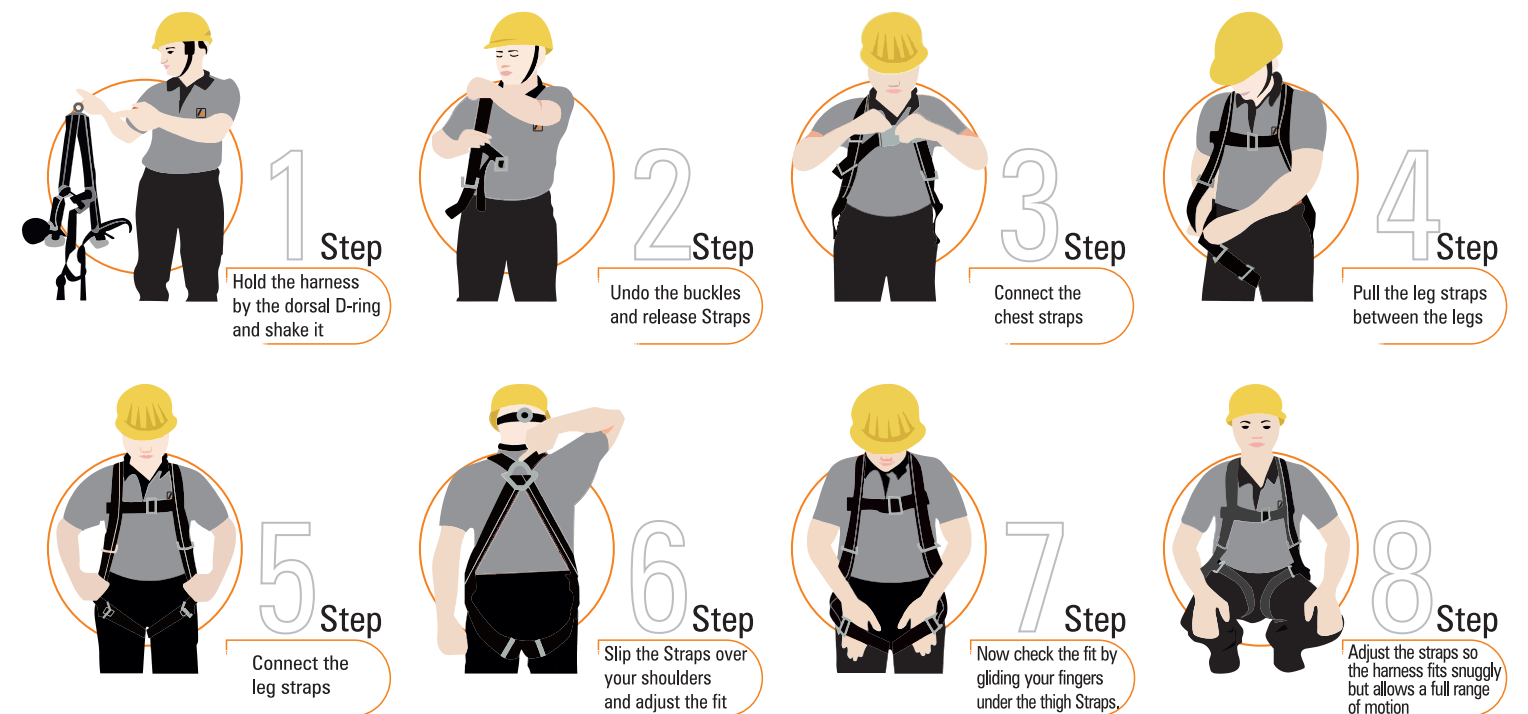


ABOUT FALL INDICATOR

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



TESTING



TENSILE TEST



DROP TEST

TESTED & CERTIFIED

IS 3521(PART 1) : 2021



CM/L 8100102786



EN 361:2002



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-rinf 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 is a full body harness for extended comfort when working at height. Equipped with comfortable soft padding on waist. Best suited for Fall arrest and work positioning.

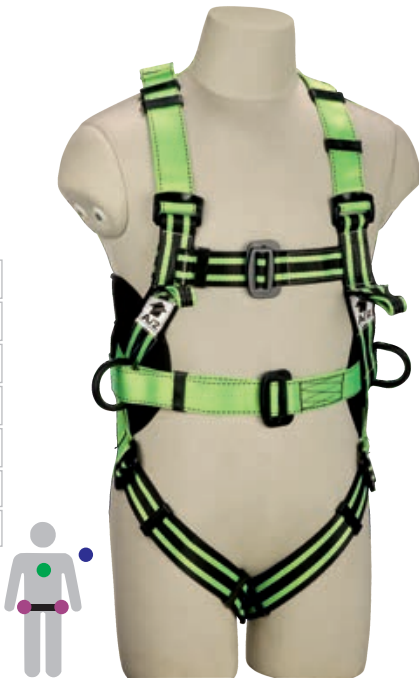
Material :	44mm polyester webbing with min. breaking strength of 22kN.
Attachment Point :	One Dorsal D-Ring, Two Sternal and Two Lateral D-rings.
Weight :	1750gms
Adjustability :	Fully adjustable shoulder, chest, wait belt and thigh-straps.
Applications :	Fall Arrest & Work Positioning.
Certified to :	EN 361:2002, EN358:2018 & IS 3521:2021 (Part 1)
Optional :	Also comes with Extension Band. Ref. No. AK-FP-43 (E)



AK-FP-42 SPECIFICATION

AK-FP-42 Featuring integrated textile loops for chest attachment and soft padding at waist belt. These features makes AK-FP-42 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-42 (E)





AK-FP-24 SPECIFICATION

AK-FP-24 is best suited for fall arrest application consists of 1 chest attachment D-ring.

Material :	44mm polyester webbing with min. breaking strength of 22kN.
Attachment Point :	One Dorsal and One Sternal D-ring.
Weight :	1100gms
Adjustability :	Fully adjustable shoulder, chest & thigh-straps.
Applications :	Fall arrest
Certified to :	EN 361:2002, IS 3521(Part 1) : 2021
Optional :	Also comes with Extension Band. Ref. No. AK-FP-24 (E)



AK-FP-23 SPECIFICATION

AK-FP-23 Equipped with two chest attachment textile loops with adjustable shoulder, chest and thigh straps.

Material :	44mm polyester webbing with min. breaking strength of 22kN.
Attachment Point :	One Dorsal and Two Sternal textile loops.
Weight :	1040gms
Adjustability :	Fully adjustable shoulder, chest & thigh-straps.
Applications :	Fall arrest
Certified to :	EN 361:2002 & IS 3521:2021 (Part 1)
Optional :	Also comes with Extension Band. Ref. No. AK-FP-23 (E)



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-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-19 (Class E) SPECIFICATION

AK-FP-19 is the popular harness in AKTION range which is specifically meant for lowering or raising of personnel and rescue in confined spaces

Material :	44mm polyester webbing with min. breaking strength of 22kN.
Attachment Point :	One Dorsal D-ring and Two Sternal D-rings on shoulder for rescue.
Weight :	1060gms
Adjustability :	Fully adjustable chest & thigh-straps.
Applications :	Fall Arrest & Rescue.
Certified to :	IS 3521:2021 (Part 1)
Optional :	Also comes with Extension Band. Ref. No. AK-FP-19 (E)



AK-FP-18 (Class L) SPECIFICATION

AK-FP-18 Equipped with all the features of basic harness, AK-FP-18 is the best harness for tower climbing.

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 :	IS 3521:2021 (Part 1)
Optional :	Also comes with Extension Band. Ref. No. AK-FP-18 (E)



» SIT HARNESS

AK-FP-17 (Class P)
SPECIFICATION

AK-FP-17 Equipped with all the features of basic harness. AK-FP-17 is the best suitable for fall arrest and work positioning application.

Material :	44mm polyester webbing with min. breaking strength of 22kN.
Attachment Point :	One Dorsal D-ring and Two Lateral D-rings.
Weight :	1200gms
Adjustability :	Full Adjustable Chest and Thigh-straps.
Applications :	Fall Arrest & Work Positioning.
Certified to :	IS 3521:2021 (Part 1)



AK-FP-51 SPECIFICATION

AK-FP-51 is a light weight sit harness specially designed for Mountaineers and adventure Geeks for sports and adventure. Equipped with comfortable soft padding on waist and the thigh pads. One Ventral D-ring for rope access and two Lateral D-rings for work positioning.

Material :	44mm polyester webbing with min. breaking strength of 22kN.
Attachment Point :	One Dorsal D-ring, One Ventral D-ring & Two Lateral D-rings.
Weight :	800gms
Adjustability :	Fully adjustable thigh-straps & Waist belt.
Applications :	Mountain climbing, Tree-Climbing & Loggers.
Certified to :	EN 358:2018 & EN 813:2008
Optional :	Grip Descender, Kernmantle Rope, Anchorage Webbing Sling, Fall Arrestor, Twisted Rope.



AKTION AK-FP-51 is a sit harness and cannot be used for fall protection.



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 :	IS 3521:2021 (Part 1)



» WORK POSITIONING BELT

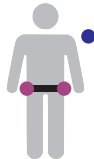
AK-FP-02 SPECIFICATION

AK-FP-02 is a work positioning belt along with a work positioning lanyard enable the worker to work at height in a well supported positioning, with both his hands free.

Material :	44mm polyester webbing with min. breaking strength of 22kN.
Attachment Point :	Two Lateral D-rings Work Positioning.
Pad Size :	Width of back pad is 14.5cm
Adjustability :	Fully adjustable.
Applications :	Mountain climbing, Tree-Climbing & Loggers.
Certified to :	EN 358:2018



The work positioning belt and work positioning lanyards, should not be used for fall protection



AK-FP-14 (Class D)
SPECIFICATION

AK-FP-14 is the basic fall arrest harness and best suited for controlled Descent in Confined Space

Material :	44mm polyester webbing with min. breaking strength of 22kN.
Attachment Point :	One Dorsal & Sternal D-ring for fall arrest.
Weight :	815gms
Adjustability :	Full Adjustable Chest and Thigh-straps.
Applications :	Fall Arrest.
Certified to :	IS 3521:2021 (Part 1)



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.

HOOKS & CONNECTORS

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-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



AK-HC-136 SPECIFICATION

Description :	Aluminium Scaffold Hook
Material :	Aluminium
Gate Opening :	50mm
Minimum Breaking Strength :	23kN
Weight :	425gm
Conforms to :	EN 362:2004



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



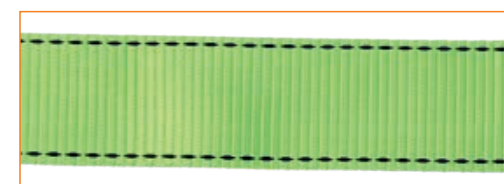
- They are made up of 12mm dia Polyamide 3 Stranded Twisted rope and can be customized according to requirements.
- This spliced end is protected with a strong transparent protective covering sleeves which not only protects the splicing but also makes the splicing visible for easy inspection prior to 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



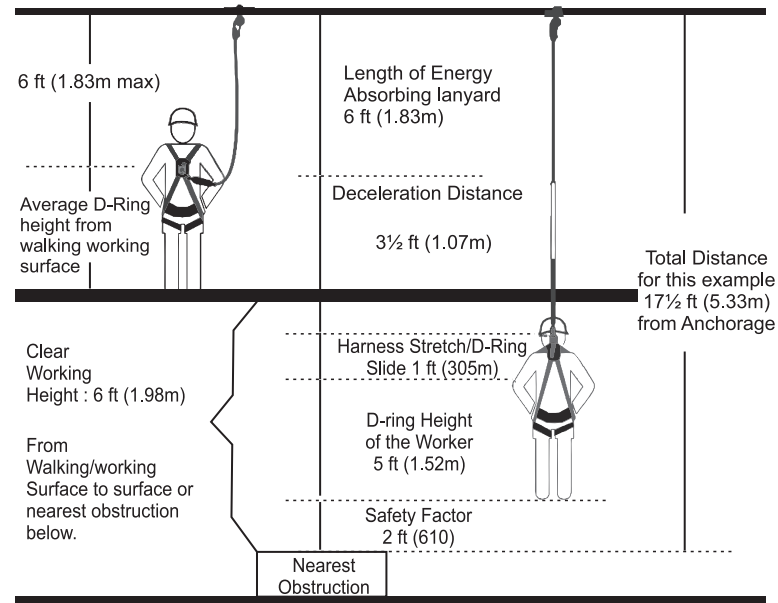
- AKTION offers a wide range of Webbing Lanyards made from high tenacity polyester yarn having a different configurations of connectors on the ends.
- The loops at the ends are protected by an abrasion resistant covering. This prevents the webbing from being damaged by the metallic contact of the connector.
- 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.



Choose Your Connector



Choose Your Connector Elements



Choose Your Connector

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.



Choose Your Connector



Choose Your Connector Elements



Choose Your Connector

CHOOSE YOUR ENERGY ABSORBER



» WORK POSITIONING LANYARD

AKTION offers a range of Work Positioning Lanyards, which can 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



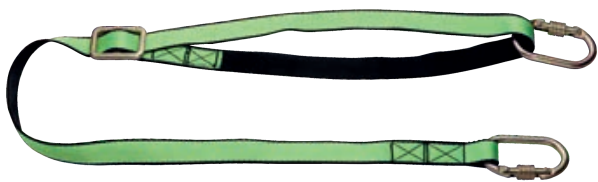
Made up of 14mm dia Polyamide 3-stranded twisted rope.
Has a manual Ring type adjuster of forged alloy steel.
Maximum Length is 2.0 Mtr.
Easy to connect Steel Carabiners (AK-HC-112) at both ends for attachment.
Conforms to EN 358:2018

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 seprate lanyard, 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-341 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.
Screw Locking carabiner at harness end and 2 nos. Of Scaffold hooks
Conforms to EN 355:2002

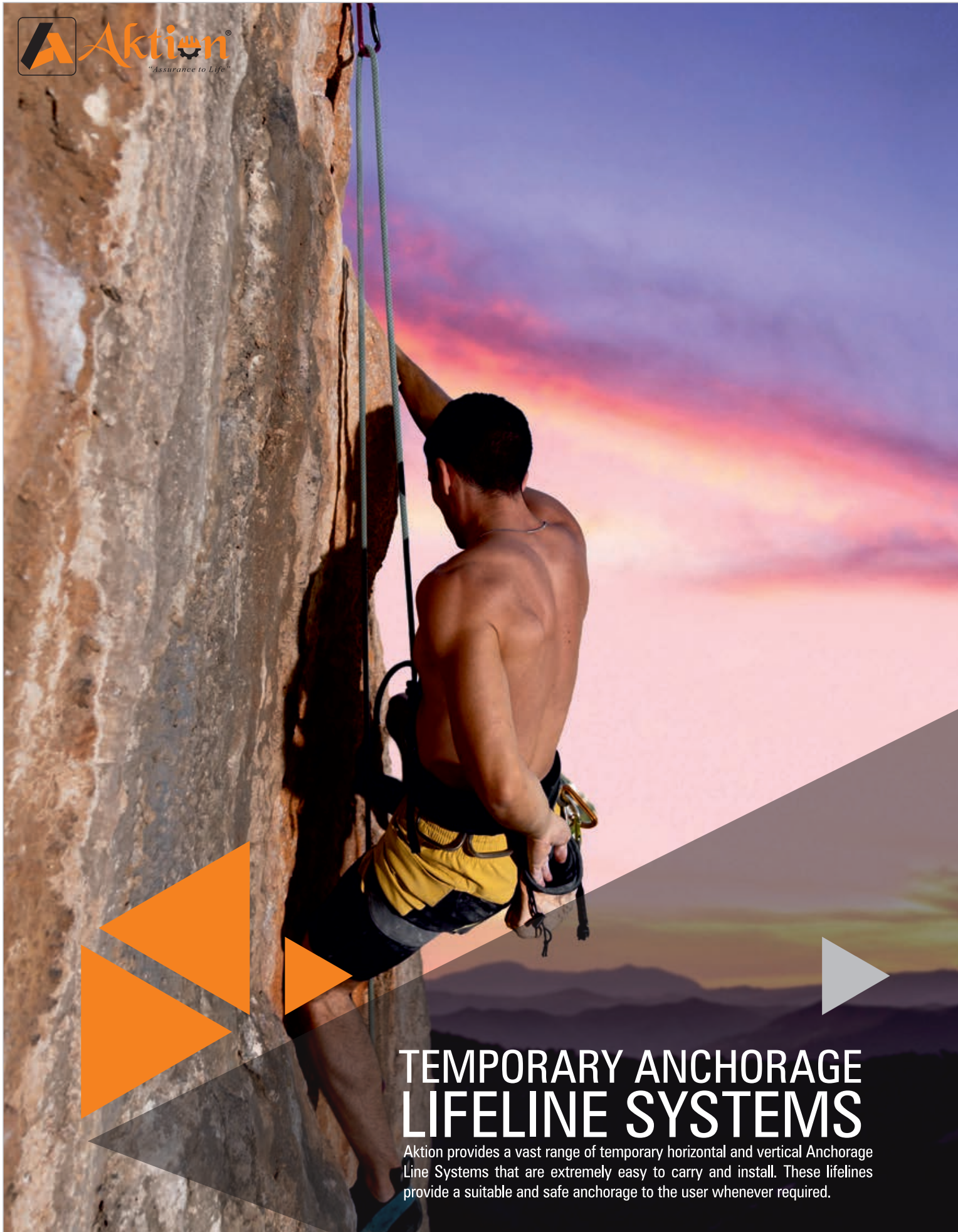
AK-FL-351 SPECIFICATION

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.
Screw Locking carabiner at harness end and 2 nos. Of Scaffold Hooks
Conforms to EN 355:2002



AK-FL-361 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.
Screw Locking carabiner at harness end and 2 nos. Of Scaffold hooks
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.

TEMPORARY ANCHORAGE LINE SYSTEM

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)		



TWISTED 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 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

» 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





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.)



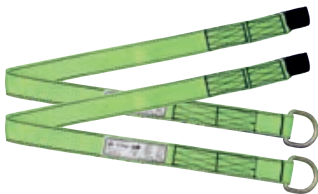
AK-AWS-803(1.2m)(2nos.)



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




USED ONLY ISI ROPES

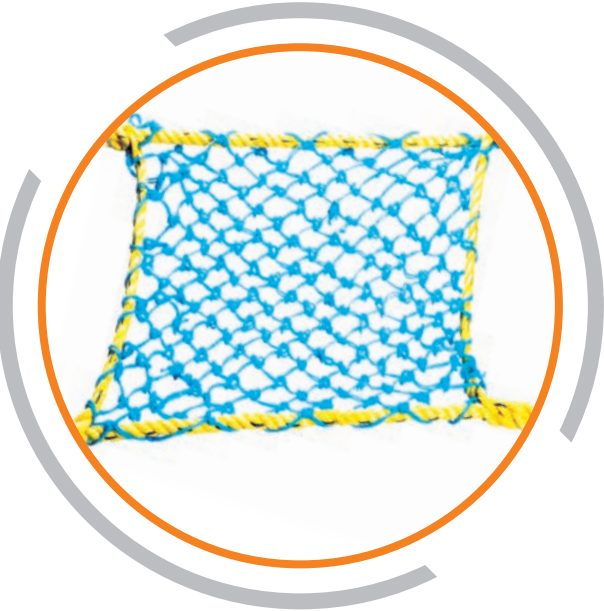


SAFETY NETS

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.



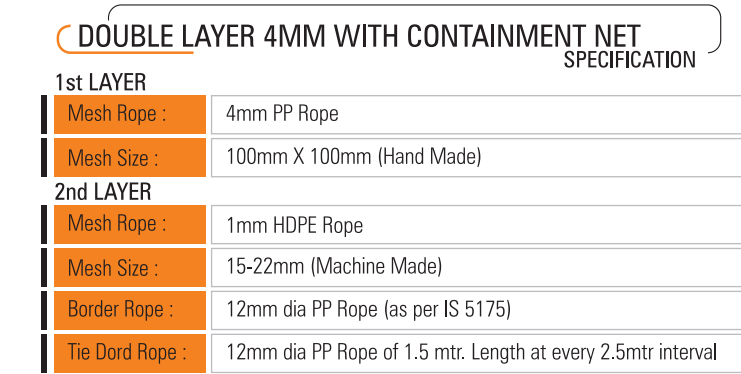
SAFETY NETS



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

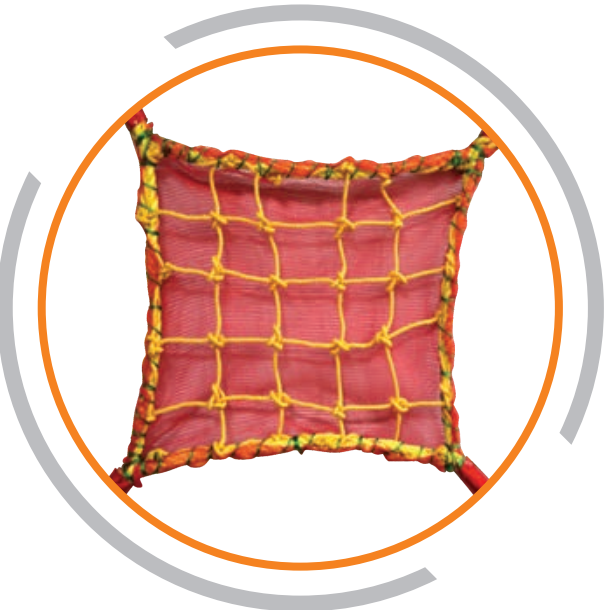
SPECIFICATION

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

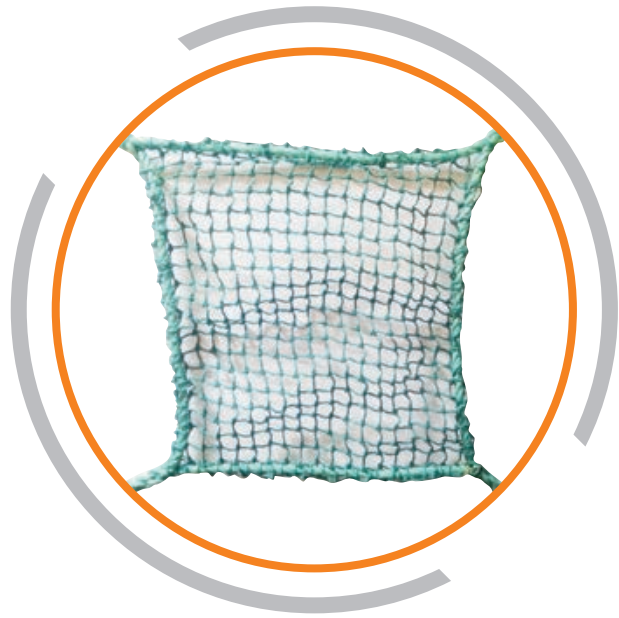
1st LAYER

Mesh Rope :	4mm PP Rope
Mesh Size :	100mm X 100m (Hand Made)

2nd LAYER

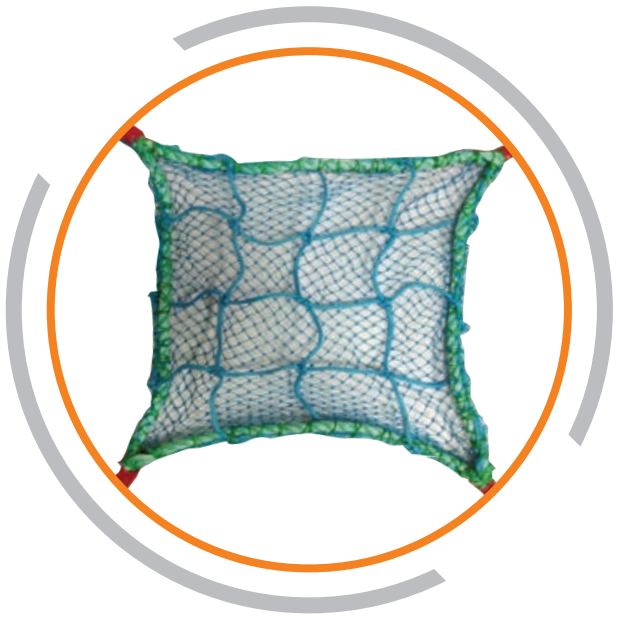
GSM :	120 GSM Monofilament Net
Border Rope :	12mm Dia PP Rope (as per IS 5175)
Tie Dord Rope :	12mm dia PP Rope of 1.5mtr length at every 2.5mtr interval

Pg 48



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

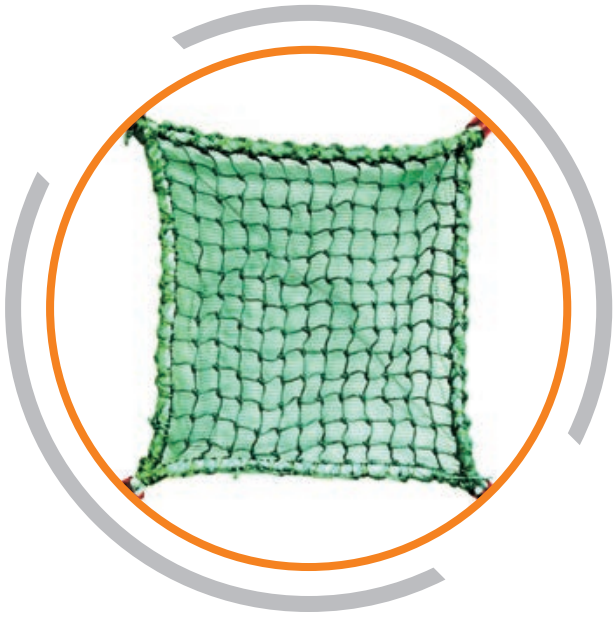


DOUBLE LAYER 5MM BRAIDED WITH CONTAINMENT NET
SPECIFICATION

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

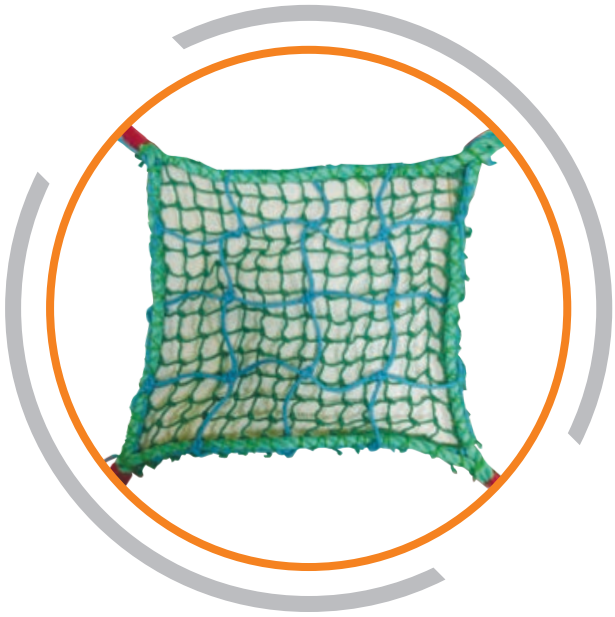
DOUBLE LAYER 2.5MM WITH MONOFILAMENT NET
SPECIFICATION

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



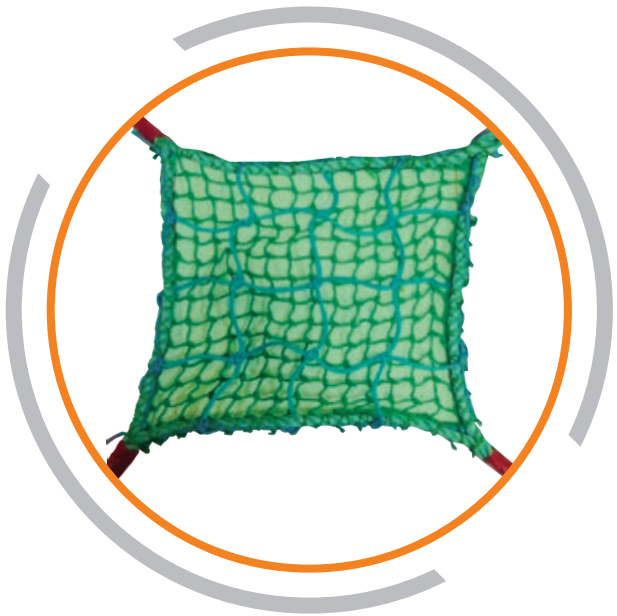
DOUBLE LAYER 5MM WITH 2.5MM BRAIDED NET
SPECIFICATION

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



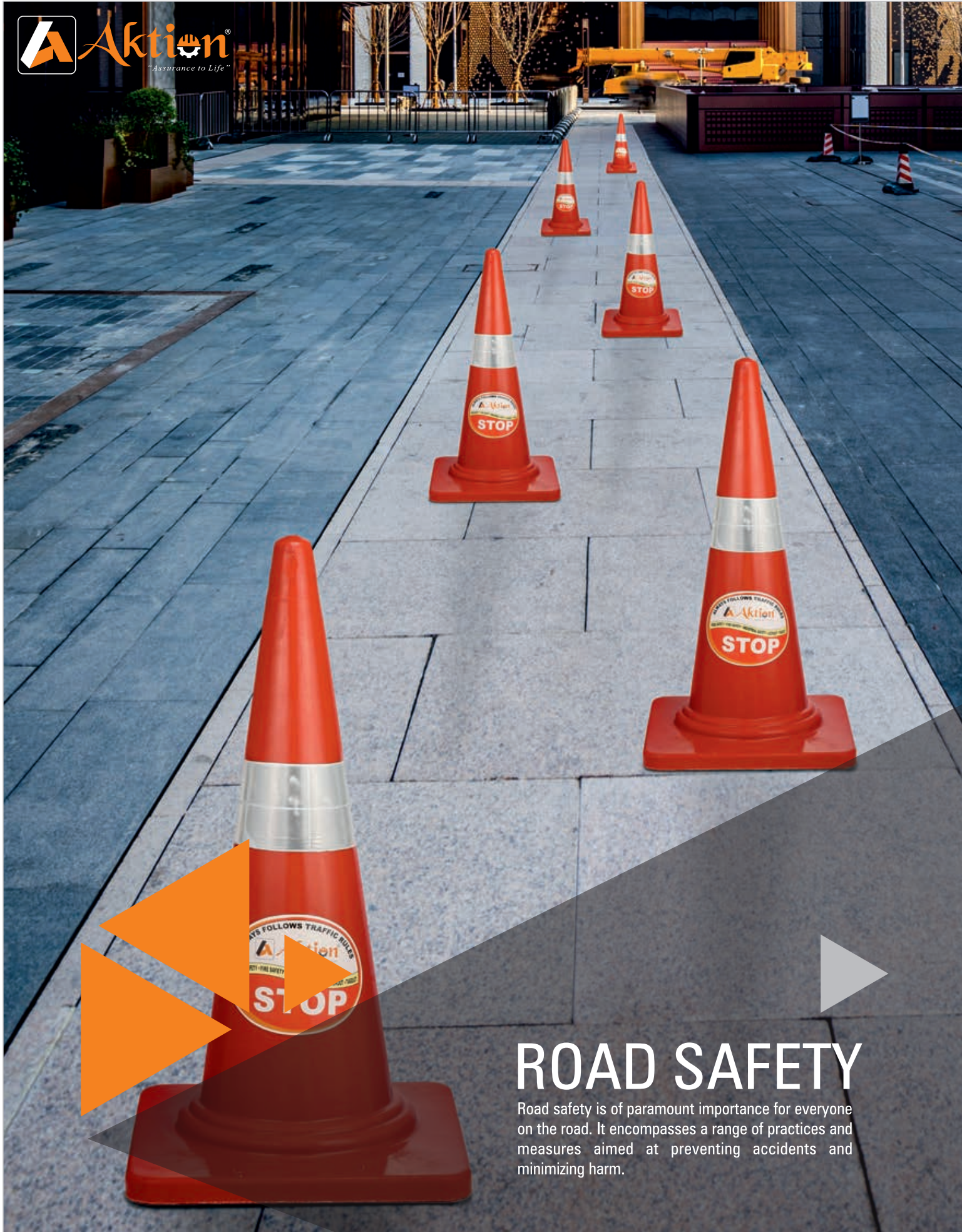
TRIPLE LAYER 4MM WITH 2.5MM BRAIDED WITH CONTAINMENT NET
SPECIFICATION

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.



ROAD SAFETY

Road safety is of paramount importance for everyone on the road. It encompasses a range of practices and measures aimed at preventing accidents and minimizing harm.

» ROAD SAFETY CONES

Aktion Road Safety cones are specially designed with world-class quality standards. Made up of high quality LDPE using UV Stabilizers for non-fading of color in all weather Conditions.



AK-801 SPECIFICATION

Type :	Light Base cone.
Height :	760mm
Weight :	1200gm
Square Base :	390x390 mm
Reflective Sleeve:	100mm
Color :	Red, Orange



AK-802 SPECIFICATION

Type :	Heavy Base cone.
Height :	760mm
Weight :	4200gm
Square Base :	390x390 mm
Reflective Sleeve:	150mm
Color :	Red, Orange



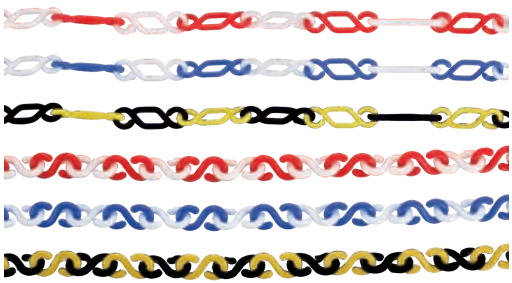
AK-804 SPECIFICATION

Type :	Heavy Base cone. (Screw Type)
Height :	760mm
Weight :	4200gm
Base :	Hexagonal Base
Reflective Sleeve:	50mm, 100mm
Color :	Red, Orange

» PLASTIC CHAINS

ANCHOR TYPE SPECIFICATION

Thickness :	6mm
Length :	71mm



S-TYPE SPECIFICATION

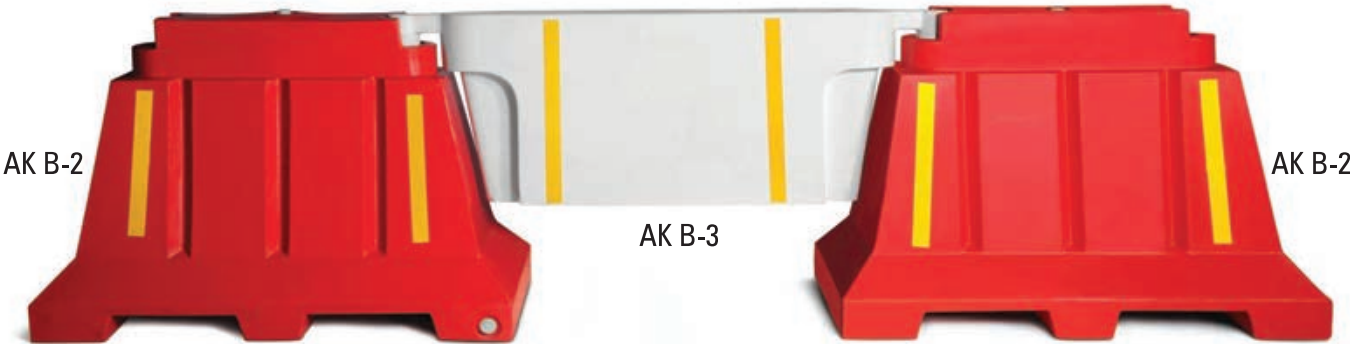
Thickness :	8mm
Length :	48mm

APPLICATIONS : ➤ CENTER LANE DIVIDING ➤ DIVERSION OF THE ROADS ➤ PARKING ZONES ➤ MAN AT WORKS ZONES ➤ NO ENTRY ZONES
➤ TEMPORARY BARRICADING AT HOTELS, HOSPITALS, RAILWAY STATION, AIR-PORTS, PUMPS, BUS TERMINALS ETC.



» ROAD BARRIER

Aktion Road Barrier is made from high impact resistant polymer, UV stabilised for non-fading colour. It provides greater degree of safety than drums, barricades or cones. Does not rust, chip, bend or peel. It is highly visible in working areas with coloured interlocking sections in Red and White. Due to light weight, allows one to position the barricade quickly and easily. Have enough space for more advertisements. Modular design allows to choose the length required. Absorbs energy of collision as the water inside takes the impact



AK B-2 SPECIFICATION

Length :	1000mm
Width :	500mm
Height :	800 mm
Water Capacity:	25 Litres
Color :	Red

AK B-3 SPECIFICATION

Length :	1025mm
Width :	150mm
Height :	500 mm
Water Capacity:	15 Litres
Color :	White



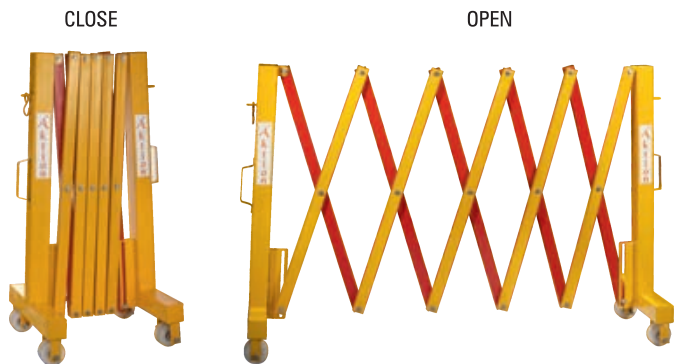
AK B-20 SPECIFICATION

Length :	2000mm
Width :	600mm
Height :	900 mm
Water Capacity:	50 Litres
Color :	Red

AK B-21 SPECIFICATION

Scissor Type Barrier Made Up Of MS

Open Length :	2500mm
Close Length :	500mm
Width :	530mm
Height :	1100mm
Color :	Yellow & Red



» ROAD STUDS | SOLAR STUDS | SOLAR BLINKER

Aktion Road Stud is made of ABS/Aluminium material. The stud is dynamically designed so that it can bear maximum load. Highly reflective reflectors moulded in PMMA material are fitted on the stud. The reflectors are welded with a ABS base plate through ultrasonic welding process so that water and dust can not touch reflector's inside area to maintain its reflectivity for a long time.



AK-978 SPECIFICATION

Material :	Plastic Body
Length :	100
Width :	88
Height :	18.5
Body Color :	Yellow
Reflectors :	Two Way Reflective
Reflectors Color :	Amber & Red



AK-976 SPECIFICATION

Material :	Plastic Body
Length :	100
Width :	100
Height :	20
Body Color :	Yellow
Reflectors :	Two Way Reflective
Reflectors Color :	Amber & Red



AK-976A SPECIFICATION

Material :	Plastic Body
Length :	100
Width :	100
Height :	20
Body Color :	Yellow
Reflectors :	Two Way Reflective
Reflectors Color :	Amber & Red



AK-971 SPECIFICATION

Material :	Plastic Body
Length :	110
Width :	128
Height :	30
Body Color :	Yellow
Reflectors :	Two Way Reflective
Reflectors Color :	Amber & Red



AK-979 SPECIFICATION

Material :	Plastic Body
Length :	100
Width :	88
Height :	18.5
Body Color :	White
Reflectors :	Two Way Reflective
Reflectors Color :	Red



AK-979D SPECIFICATION

Material :	Plastic Body
Length :	100
Width :	110
Height :	20
Body Color :	Yellow, White
Reflectors :	Two Way Reflective
Reflectors Color :	Amber & Red



AK-970 SPECIFICATION

Solar Stud made up of Aluminium Alloy

Material :	Aluminium Alloy Body
Length :	125
Width :	125
Height :	20
LED Nos :	3 on each side
LED Color :	Red



AK-103 SPECIFICATION

Solar Blinker made up of Polycarbonate

Material :	Polycarbonate Body
Dia :	75
Height :	80
LED Color :	Red & Yellow



» SPEED BUMPS

Made of sturdy plastic, Aktion Speed Bumps are highly resistant to severe impacts and harsh weather conditions. Its dovetail interlocking sub-units make it bind perfectly into one firm bump. The pre-coloured material (Black & Yellow) and UV stabilizers keep them perpetually colorful. Studded with reflectors on either side, they are clearly visible to the motorists during night hours.



AK-1005 SPECIFICATION

Material :	ABS Plastic
Length :	250
Width :	350
Height :	50
Color :	Yellow & Black
Reflectors :	1 on each side
Reflectors Color :	Amber

AK-1006 SPECIFICATION

Material :	ABS Plastic
Length :	500
Width :	400
Height :	75
Color :	Yellow & Black
Reflectors :	4 (2 on each side)
Reflectors Color :	Amber



Reflective Glass Beads :



AK-1007 SPECIFICATION

Material :	Rubber
Length :	250
Width :	350
Height :	50
Color :	Yellow & Black
Reflective Glass Beads :	1 on each side

AK-1008 SPECIFICATION

Material :	Rubber
Length :	500
Width :	415
Height :	75
Color :	Yellow & Black
Reflective Glass Beads :	1 on each side

Reflective Glass Beads :



AK-1009 SPECIFICATION

Material :	Rubber
Length :	500
Width :	415
Height :	50
Color :	Yellow & Black
Reflective Glass Beads :	4 (2 on each side)

Reflective Glass Beads :



AK-1011 SPECIFICATION

Rumbler Strips

Material :	Rubber
Length :	500
Width :	150
Height :	25
Color :	Yellow & Black

AK-1012 SPECIFICATION

Material :	ABS Plastic
Length :	250
Width :	450
Height :	75
Color :	Yellow & Black
Reflectors :	1 on each side
Reflectors Color :	Amber



Installation Procedure:

Clean the surface, mark the nail points, grout the holes and clean the surface again. Apply appropriate epoxy adhesive on the road surface and Bumps, place the Bumps on the fixing area and hammer the 4 bolts provided area in the bump
(FOR ABS SPEED BUMPS FILL IT WITH CONCRETE MIXTURE AND KEEP ASIDE TILL IT BECOMES DRY)

» SPRING POST

Aktion Spring Post is made of special flexible material (Poly-Urethane). It can quickly restore to its original shape without causing any damage to spring post as well as vehicles in case of high speed collisions. Three Bands of reflective tape are pasted on the spring post for high visibility even in bad weather conditions. It keeps excellent mechanical & chemical resistance (UV stabilized) so that it will not get discolored. The base of spring post is fixed on the road surface with the help of three bolts and special epoxy bond.



AK-941 SPECIFICATION

Height :	750mm
Pole Dia :	80mm
Base Dia :	200mm
Bolt Size :	12x150mm(3nos.)
Reflective Sleeve :	75mm(3nos.)
Color :	Red, Orange

» REFLECTORS

Aktion Reflectors are designed to give the maximum reflectivity which enhances the visibility of the vehicles during dark & bad light conditions. Their high reflection gives the drivers an extra time to take evasive action. Reflectors are fixed with base plate in a special manner to protect the inner surface from dust, water & humidity which enhances life of the reflectors.



AK-955 SPECIFICATION

Diameter :	80mm
Color :	Amber, Red



AK-956 SPECIFICATION

Diameter :	145mm
Color :	Amber, Red



AK-959 SPECIFICATION

Dimensions :	150 x 150 x 150 mm
Color :	Amber, Red



AK-961 SPECIFICATION

MEDIAN MARKER

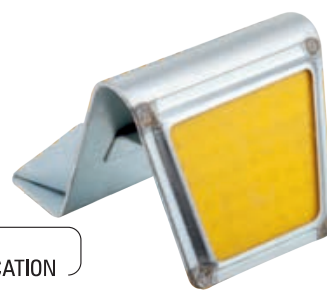
Aktion Median Marker is a highly durable reflective product, which provides highest visibility to the median during night, and hence contributes to reduced accidents and enhanced safety of motorists and vehicles.



AK-962 SPECIFICATION

GUARD RAILS

Aktion Reflectors for Guard Rails show the course of a carriageway at night. Guard Rail Reflectors are available for a variety of metal Rail profiles. Glass reflectors retain excellent reflective properties across a number of years. This differentiates glass reflectors from other reflective materials.



» REBAR CAP



AK-RC-01 SPECIFICATION

- Manufactured From High UV-Stabilised
- Size suitable for 8mm to 25mm steel bar



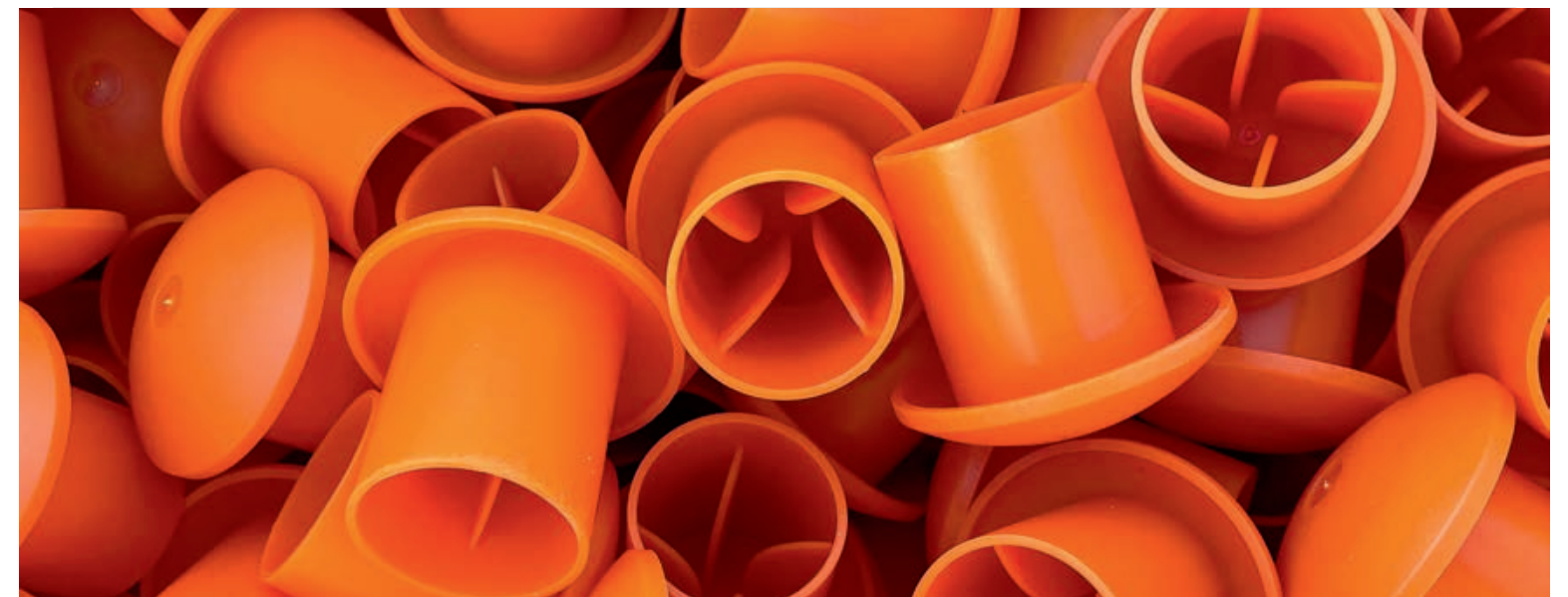
AK-RC-02 SPECIFICATION

- Manufactured From High quality polymer, UV-Stabilised
- Size suitable for 8mm to 32mm steel bar
- Optional : In-built steel plate



AK-RC-03 SPECIFICATION

- Manufactured From High quality plastic, UV-Stabilised
- Size suitable for 8mm to 47mm steel bar





PARKING SOLUTIONS

Parking is the act of temporarily placing a vehicle in a designated area or space, typically found in urban areas, commercial districts, or residential neighborhoods. It serves as a critical component of transportation infrastructure, providing a convenient and safe space for cars, trucks, and other vehicles to be stored when not in use.

PARKING SOLUTIONS

» WHEEL STOPPER (RUBBER)

Aktion Wheel Stopper typically refers to a physical barrier or device used to prevent vehicles from entering a restricted area or from moving beyond a certain point, such as parking stops or bollards. These are often used in parking lots, garages, etc.

Size : L-500mm
B-150mm
H-150mm



» CORNER GUARD (RUBBER)

Aktion Corner Guard is a protective accessory typically used in buildings and facilities. It's designed to protect corners of walls, columns, or other structures from damage caused by collisions or impacts. Aktion Corner Guard is made of rubber material having 8mm thickness and comes with yellow reflective tape. Available in different sizes.

Size : 550(L) x 100(B) x 8(H) mm
900(L) x 100(B) x 8(H) mm

» WHEEL CHOCK (ABS PLASTIC)

Aktion Wheel Chock is a wedge-shaped block placed closely against the wheels of a vehicle to prevent accidental movement. Wheel chocks are commonly used for safety when parking, loading/unloading or servicing vehicles, especially on incline or uneven surfaces. They help immobilize the wheels and prevent the vehicle from rolling. Aktion Wheel Chock comes in different sizes for different vehicles.

Size : L-470mm
B-200mm
H-245mm



» WALL PROTECTOR (RUBBER)

Wall protectors are practical accessories designed to safeguard your walls from damage caused by accidental collisions or contact. Typically made from materials rubber. These protectors serve as a cushion, absorbing impact and preventing unsightly dents, scratches, or marks on your walls. Installation is usually straight forward, with adhesive backing or simple mounting mechanisms that allow you to attach them to vulnerable areas such as corners or along hallways. Some wall protectors are specifically tailored for heavy traffic areas in homes, offices, or commercial spaces.

Size : L-1000mm
B-200mm
H-30mm



PARKING SOLUTIONS

» WHEEL STOPPER (RUBBER)

Aktion Wheel Stopper typically refers to a physical barrier or device used to prevent vehicles from entering a restricted area or from moving beyond a certain point, such as parking stops or bollards. These are often used in parking lots, garages, etc.

Size :L-500mm
B-100mm
H-160mm



» CORNER GUARD (RUBBER)

Aktion Corner Guard is a protective accessory typically used in buildings and facilities. It's designed to protect corners of walls, columns, or other structures from damage caused by collisions or impacts. Aktion Corner Guard is made of rubber material having 8mm thickness and comes with yellow reflective tape. Available in different sizes.

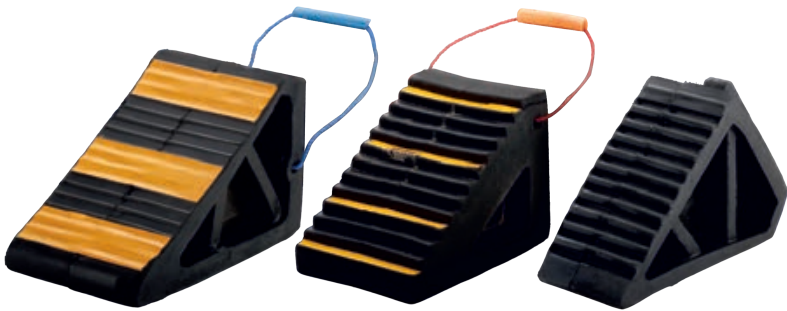
Size : 550(L) x 100(B) x 12(H)mm
900(L) x 100(B) x 12(H)mm



» WHEEL CHOCK (RUBBER)

Aktion Wheel Chock is a wedge-shaped block placed closely against the wheels of a vehicle to prevent accidental movement. Wheel chocks are commonly used for safety when parking, loading/unloading or servicing vehicles, especially on incline or uneven surfaces. They help immobilize the wheels and prevent the vehicle from rolling. Aktion Wheel Chock comes in different sizes for different vehicles.

Size : For Light weight Vehicles - 280(L) x 120(B) x 170(H)mm
250(L) x 170(B) x 180(H)mm
For Heavy weight Vehicles - 340(L) x 200(B) x 230(H)mm



» DOCK PROTECTOR (RUBBER)

Aktion Dock protector, also known as a dock bumper or dock guard, is a device to protect loading docks, building and vehicles from damage during loading and unloading operations at a loading dock. These protectors are typically made of high quality rubber material. It is attached to the edge of the loading dock or the walls surrounding it. They absorb and distribute the force of impact when a truck backs up to the dock, preventing damage to both the dock structure and vehicle. Aktion Dock protectors are an essential safety feature in commercial and industrial settings with frequent loading and unloading activities.

Size : 450(L) x 240(B) x 100(H)mm



ELECTRONIC SAFETY DEVICES

» SAFETY LIGHT BAR

Aktion Safety Light Bar is an electronically controlled safety device which helps in controlling traffic during night time. These safety light bars are equipped with LED strobe lights which has various flashing patterns, to increase the visibility to the distant motorists. It is made up of polycarbonate material which is durable and crystal clear transparent and equipped with rechargeable battery. This safety light bar is suitable for Traffic Police, Highway Patrol, Emergency services, Fire Fighters, Army, Security forces, Air Traffic Control, Construction Sites.

Size : Length 540mm

Optional : Battery or Rechargeable



» SEARCH LIGHT

Aktion Search Light is a powerful LED light which provides visibility at more than 1000 mtr distance in dark. Search light is powered by rechargeable battery. Easy Handling with adjustable nylon shoulder strip and in built handle body of rigid rubber make it highly durable and weather resistant. It is widely used by the police and security people as well as can be used for camping and boating.

FEATURES : 🔗 MULTI UTILITY LIGHT 🔗 POWERFUL LED 🔗 WATER RESISTANT 🔗 MULTIPLE MODES 🔗 ADJUSTABLE SHOULDER STRAP

AK-SL-01 SPECIFICATION

Body/Color :	ABS/Black
LED Power :	10 Watt
Light Range :	500 Mtr.
Operation Modes :	3 Modes
Operating Time :	Upto 10 Hrs.
Charging Time :	Approx 12 Hrs.
Weight :	570 gms
Dimension :	215 X 130 X 135mm



AK-SL-02 SPECIFICATION

Body/Color :	ABS/Black
LED Power :	15 Watt
Light Range :	1000 Mtr.
Operation Modes :	3 Modes
Operating Time :	Upto 6 Hrs.
Charging Time :	Approx 10 Hrs.
Weight :	1070 gms (Including Battery)
Dimension :	197 X 145 X 105mm



AK-SL-03 SPECIFICATION

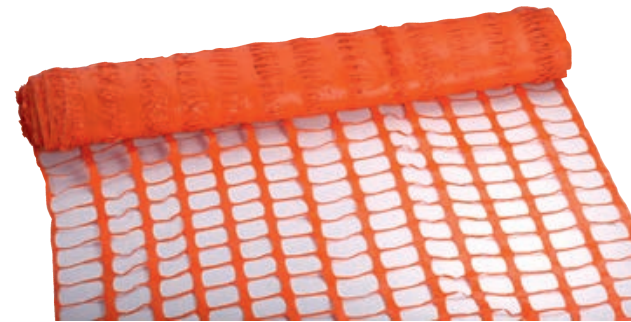
Body/Color :	ABS/Black
LED Power :	15 Watt
Light Range :	1000 Mtr.
Operation Modes :	6 Modes
Operating Time :	Upto 8 Hrs.
Charging Time :	10 Hrs. (A/C Mains)
Weight :	1070 gms (Including Battery)
Dimension :	197 X 145 X 105mm



MISC, SAFETY PRODUCTS

» BARRICADING/CAUTION TAPE

Aktion Barricading tape, also known as caution tape, is a highly visible tape in tube form which is used to warn and restrict access to specific areas or hazards. It typically features bold, contrasting colors like yellow and black, red and white or similar combinations, along with printed warning messages and patterns. Barricading tape is commonly used in various situations including construction sites, Crime scenes, Safety and emergency situations, events and crowd control, road work and traffic control. Available in 300Mtr. & 500Mtr. rolls.



» PVC BARRICADING NET

Aktion Barricading net is used in various needs of any construction sites. Barricading net is available in vibrant colors such as fluorescent orange, green, etc. It is used in highway construction, traffic control, hazardous chemical areas, construction sites, industrial facilities, manufacturing plants, demolition sites, utility markers etc. Barrication net is one of the main factors to protect persons against possible danger of falling inside manhole etc.. Its available in mesh size 65mm x 35mm of roll size 1 mtr. and 50 mtr. long.



» LIFE BUOY

A Life buoy, often referred to as a life ring or life preserver, is a buoyant device designed to assist in water rescues and provide buoyancy to individuals in emergency situations, particularly when they are at risk of drowning. Key features of a life buoy includes Buoyancy, Ring Shape, High Visibility, Grab Lines, Attachment points. **SOLAS Approved**



» LIFE JACKET

A life jacket, also known as a personal flotation device (PFD) or life vest, is a crucial piece of safety equipment designed to help keep a person afloat in the water. These devices are essential for water safety and are commonly used in various water activities, including boating, swimming and water sports. Some of the key characteristics of life jackets are Buoyancy, Bright colors, Securing straps. **SOLAS Approved**

MISC, SAFETY PRODUCTS

» FIRE BUCKET WITH STAND

These buckets are widely used for storing sand as well as water in emergency situations or during fire accidents. Manufactured from the Galvanized heavy duty M.S. Sheet, the offered fire buckets and stand is mostly painted with red color. 9 Ltr capacity bucket. The bottom of bucket is hemispherical. Also available in different sizes, these stands are used in parking lots, hospitals, Petrol pumps, etc.

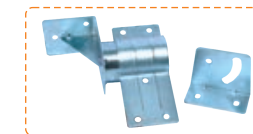


» FIRST AID KIT

First aid kit for up to 15/25/50/75 people. We feature a comprehensive range of first aid kits for use in the workplace to enable employers to meet the health and safety standards recommended by government. First aid kit is quality assured at CE 0123 norms.

» CONVEX MIRROR

Aktion Convex Mirror made up of Polycarbonate reflective mirrors. Outdoor use with hood and complete with mounting hardware. Body is made of ABS. Available in different sizes - 45cm, 60cm, 80cm, 100cm, 120cm.



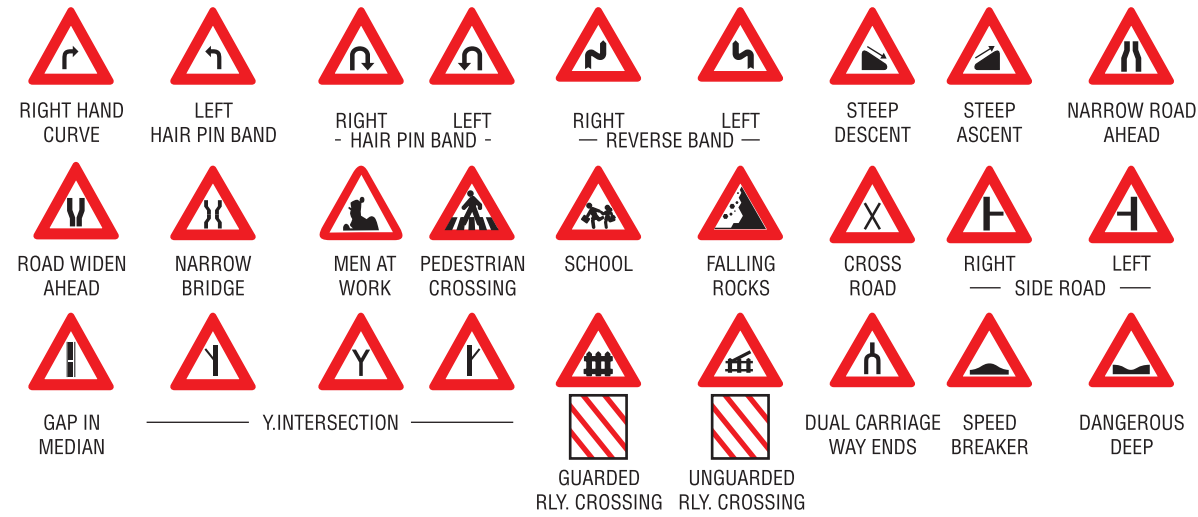
Mounting Kit



» REFLECTIVE TAPES

Reflective tapes are adhesive tapes that contain reflective materials designed to enhance visibility in low-light or night time conditions. They are commonly used for safety and visibility purposes. It can be used in Dark zones, sides and rear of truck and trailers. It is also used in Signage. Available in different sizes - 1", 2", 3" 47", 48"

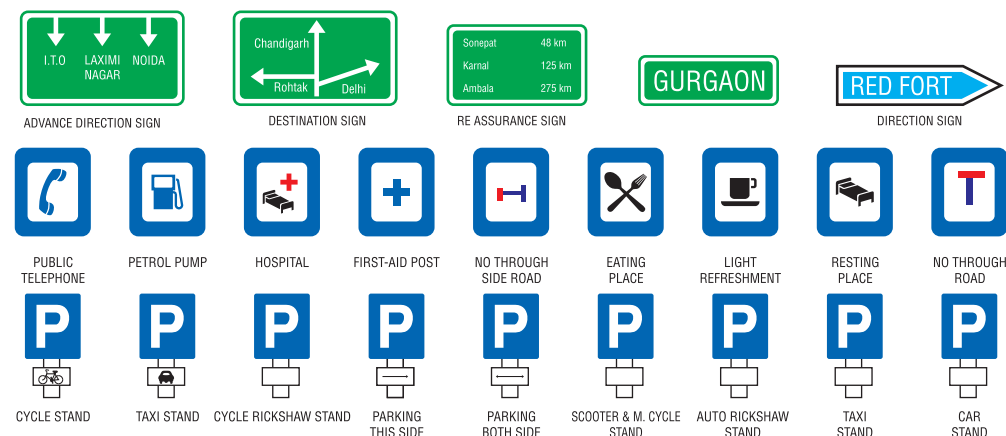
WARNING SIGNS



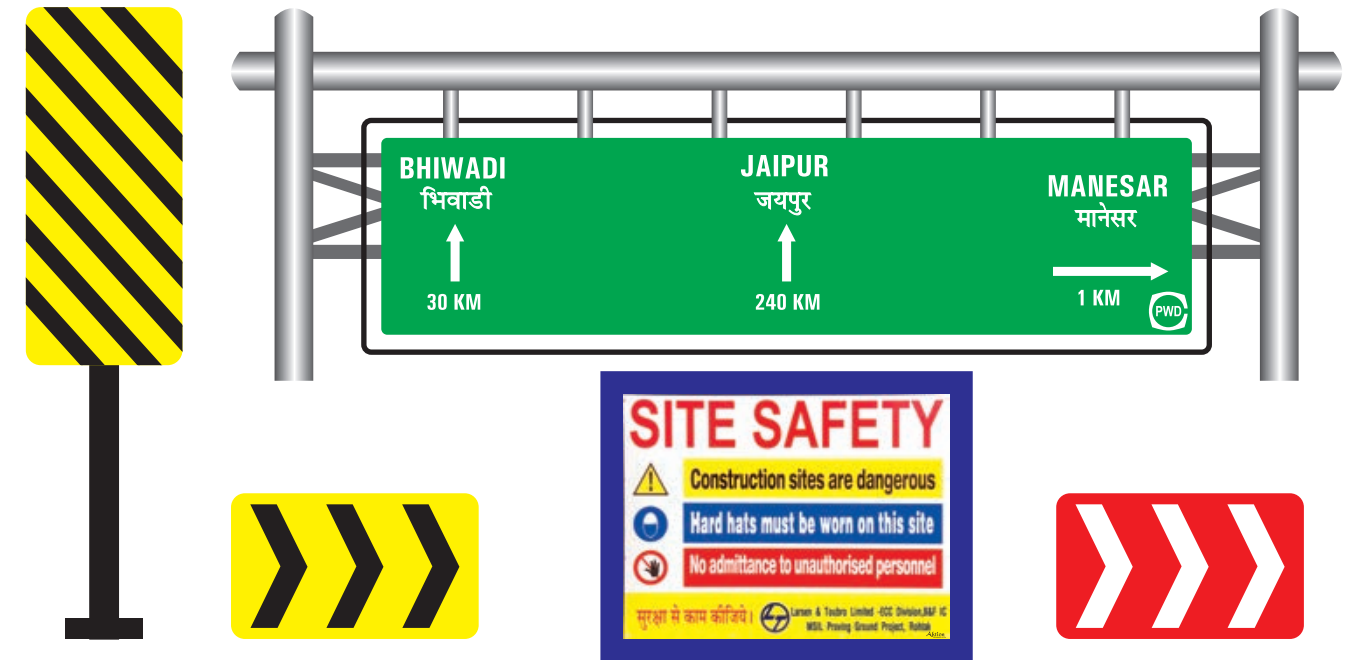
MANDATORY



INFORMATORY SIGNS



OVERHEAD | INFORMATION SIGNS



Note : (1) Dimensions given above are not to scale (2) Many other traffic signs & accessories are also available which are to be used at constructions zone.

Specifications		Sizes of Signs			
Substrate :	2mm thick Aluminum Sheet with decreasing treatment & fine grinding on front side for proper pasting of Reflective sheet & decreasing treatment & stove enamel paint on backside.	Signs	Shapes	Normal Size (mm)	Small Size (mm)
Reflective Material	<ul style="list-style-type: none">• Engineering Grade/Safety Grade• High Intensity Grade (Encapsulated)• High Intensity Prismatic (HIP)• Micro prismatic Lens type (Diamond Grade)	Mandatory i) Stop Sign ii) Give way sign (Invented) iii) Others	Octagonal Equilateral triangle Circular	900 900 600	600 600 400
Symbols/ Messages/ Lettering/ Border :	Screen Printed/ Cut-outs.	Warning	Equilateral Triangle	900	600
		Informatory	Rectangle	800 x 600	600 x 450

GLOW IN DARK SIGNS | GENERAL SIGNS





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

LOCK OUT TAG OUT

» 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



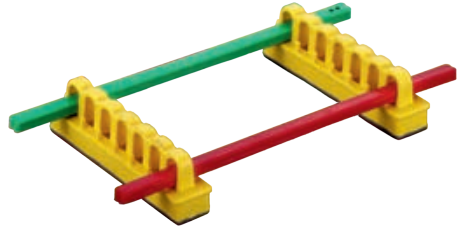
AK-PL-46 SPECIFICATION

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
Shackle Height :	60mm
Opening :	27mm
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
Shackle Height :	73mm
Opening :	39mm
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
Shackle Height :	60mm
Opening :	27mm
No. of Padlock Holes :	6



AK-HN-71 SPECIFICATION

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

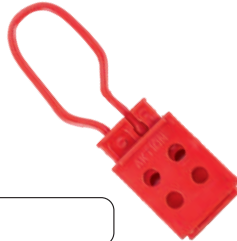
Material :	Made of sturdy plastic
Color :	Red, Yellow
Weight :	20 gms
Jaw Size :	40mm
Total Height :	130mm
Shackle Height :	67mm
Opening :	40mm
No. of Padlock Holes :	8



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 Height :	70mm
Shackle width :	35mm
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 Height :	88mm
Shackle width :	40mm
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 Height :	30mm
Shackle width :	45mm
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 Height :	25mm
Shackle width :	45mm
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
Total Height :	170mm

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 :	300mm
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



LOCK OUT TAG OUT

» 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

LOCK OUT TAG OUT

» 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.

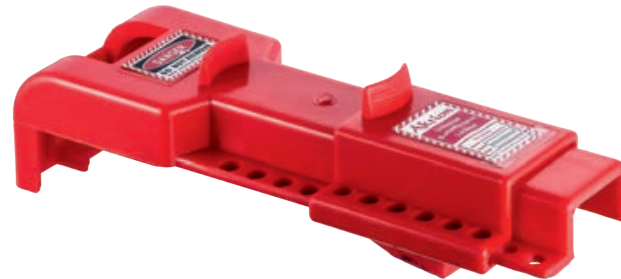
Material :	Made of sturdy plastic
Color :	Red
Weight :	176gms
Height :	90mm
Open Length :	240mm
Close Length :	150mm
No. Of Padlock Holes :	6



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 an 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 ($\pm 10\%$) 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 TAG OUT

» 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

LOCK OUT TAG OUT KITS

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)



» POWDER PORTABLE FIRE EXTINGUISHER
(Stored Pressure/Gas Cartridge Type)
ABC Type



Capacity (KG)	1	2	3	6	9
Anti-Corrosive Inhibitor	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating
Conforms to	15683	15683	15683	15683	15683
Type of Extinguisher	Constant Pressure	Constant Pressure	Constant Pressure/Gas Cartridge	Constant Pressure/Gas Cartridge	Constant Pressure/Gas Cartridge
Type of Extinguisher Media	Dry Powder IS 14609/ IS 4308	Dry Powder IS 14609/ IS 4308	Dry Powder IS 14609/ IS 4308	Dry Powder IS 14609/ IS 4308	Dry Powder IS 14609/ IS 4308
Expellant	Pressurized with N ₂ gas	Pressurized with N ₂ gas	Pressurized with N ₂ gas/ 90gm/120gm Gas Cartridge	Pressurized with N ₂ gas/ 90gm/120gm Gas Cartridge	Pressurized with N ₂ gas/ 90gm/120gm Gas Cartridge
Minimum Effective Discharge (%)	85	85	85	85	85
Minimum Jet Length (Mtr.)	More than 2mtr.	More than 2mtr.	More than 2mtr.	More than 2mtr.	More than 2mtr.
Discharge Time (Sec.)	More than 8 Sec.	More than 13 Sec.	More than 13 Sec.	More than 13 Sec.	More than 13 Sec.
Hydraulic Test Pressure (Kg/cm2)	35	35	35	35	35
Operating Position	Upright	Upright	Upright	Upright	Upright
Charged Pressure (Kg/cm2)	15	15	15	15	15
*Operating Temperature Range °C	(-)10 to (+)55	(-)10 to (+)55	(-)10 to (+)55	(-)10 to (+)55	(-)10 to (+)55
Operating Valve	Squeeze Grip Type with Nozzle	Squeeze Grip Type with Nozzle	Squeeze Grip Type with Discharge Hose and Nozzle	Squeeze Grip Type with Discharge Hose and Nozzle	Squeeze Grip Type with Discharge Hose and Nozzle

Application :- Class A Fire : Wood, Textiles, Paper, Cloths, Cotton Mill, Jute Mill.
Class B Fire : Petroleum, Oil, Diesel, Plant, Varnish, Solvent, Aviation Fuel, Flammable and Volatile liquids etc.
Class C Fire : Flammable Gases, Live Electrical Equipments, Industrial Gases, Electrical Installation, Power Grid.

» WATER/FOAM PORTABLE FIRE EXTINGUISHER (Stored Pressure/Gas Cartridge Type)

WATER		
Capacity (KG)	6	9
Anti-Corrosive Inhibitor	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating
Conforms to	15683	15683
Type of Extinguisher	Constant Pressure/Gas Cartridge	Constant Pressure/Gas Cartridge
Type of Extinguisher Media	Soft Water	Soft Water
Expellant	Pressurized with N ₂ gas/ 60gm Gas Cartridge	Pressurized with N ₂ gas/ 90gm/120gm Gas Cartridge
Minimum Effective Discharge (%)	95	95
Minimum Jet Length (Mtr.)	More than 2mtr.	More than 2mtr.
Discharge Time (Sec.)	More than 13 Sec.	More than 13 Sec.
Hydraulic Test Pressure (Kg/cm2)	35	35
Operating Position	Upright	Upright
Charged Pressure (Kg/cm2)	15	15
*Operating Temperature Range °C	(-)10 to (+)55	(-)10 to (+)55
Operating Valve	Squeeze Grip Type with Discharge Hose and Nozzle	Squeeze Grip Type with Discharge Hose and Nozzle

M. FOAM		
Capacity (KG)	6	9
Anti-Corrosive Inhibitor	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating
Conforms to	15683	15683
Type of Extinguisher	Constant Pressure/Gas Cartridge	Constant Pressure/Gas Cartridge
Type of Extinguisher Media	Soft Water & AFFF is 4989	Soft Water & AFFF is 4989
Expellant	Pressurized with N ₂ gas/ 60gm Gas Cartridge	Pressurized with N ₂ gas/ 90gm/120gm Gas Cartridge
Minimum Effective Discharge (%)	95	95
Minimum Jet Length (Mtr.)	More than 2mtr.	More than 2mtr.
Discharge Time (Sec.)	More than 13 Sec.	More than 13 Sec.
Hydraulic Test Pressure (Kg/cm2)	35	35
Operating Position	Upright	Upright
Charged Pressure (Kg/cm2)	15	15
*Operating Temperature Range °C	(-)10 to (+)55	(-)10 to (+)55
Operating Valve	Squeeze Grip Type with Discharge Hose and Nozzle	Squeeze Grip Type with Discharge Hose and Nozzle



IS-15683



» CARBON DI-OXIDE PORTABLE & TROLLEY MOUNTED FIRE EXTINGUISHER



Capacity (KG)	PORTABLE			TROLLEY MOUNTED		
	2	3	4.5	6.5	9	22.5
Anti-Corrosive Inhibitor	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating
Conforms to	15683	15683	15683	15683	15683	15683
Fire Ratio	0.667	0.667	0.667	0.667	0.667	0.667
Type of Extinguisher	Co, Type	Co, Type	Co, Type	Co, Type	Co, Type	Co, Type
Type of Extinguisher Media	Co, Gas	Co, Gas	Co, Gas	Co, Gas	Co, Gas	Co, Gas
Expellant	Self	Self	Self	Self	Self	Self
Minimum Effective Discharge (%)	95	95	95	95	95	95
Min. Discharge Time (Sec.)	More than 8 Sec.	More than 8 Sec.	More than 8 Sec.	10 to 20 Sec.	15 to 36 Sec.	20 to 60 Sec.
Min. Throw (Mtr.)	1	1	2	-	-	-
Operating Position	Upright	Upright	Upright	Upright	Upright	Upright
Operating Valve (IS 3224)	Squeeze Grip Type	Squeeze Grip Type	Squeeze Grip Type	Squeeze Grip Type	Squeeze Grip Type	Squeeze Grip Type
*Operating Temperature Range °C	-30 to +55	-30 to +55	-30 to +55	-30 to +55	-30 to +55	-30 to +55
Fire Rating	8B, C	13B, C	21B, C	-	-	-

Application :-
Class B Fire : Petroleum, Oil, Diesel, Paint, Varnish, Solvent, Aviation Fuel, Flammable and Volatile Liquids etc.
Class C Fire : Flammable Gases, Live Electrical Equipments, Industrial Gases, Electrical Installation and Server Room etc.

» FIRE RATING APPROVED BY BIS

EXTINGUISHER TYPE	CAPACITY	OPERATING TEMPERATURE	FIRE RATING
POWDER STORED PRESSURE TYPE Fire Extinguisher Duly filled with ISI Marked ABC/BC Type Powder	1 KG	-10°C to +55°C	1A, 8B, C
	2 KG		2A, 13B, C
	4 KG		3A, 21B, C
	6 KG		3A, 34B, C
	9 KG		4A, 55B, C
CARBON DI-OXIDE Type Fire Extinguisher	2 KG	-30°C to +55°C	8B, C
	3 KG		13B, C
	4.5 KG		21B, C
WATER STORED PRESSURE Type Fire Extinguisher	6 LTR	0°C to 55°C	2A
	9 LTR		3A
MECHANICAL FOAM STORED PRESSURE Type Fire Extinguisher	6 LTR	0°C to 55°C	2A, 21B
	9 LTR		3A, 55B

FACE, HAND, EAR PROTECTION



ELECTRICAL HAND GLOVES



NOSE MASK



NITRILE HAND GLOVES



LEATHER HAND GLOVES



RUBBER HAND GLOVES



SAFETY SPECTACLES



DOTTED HAND GLOVES



SAFETY SPECTACLES



WELDING SHIELD



EAR MUFF

NOTES