



SafetylabTM

Safety First And Always

www.safetylab.com.my

VOLUME 06

3 Products, 1 Purpose

Safety First And Always

next of kin

1 Working At Height

2 Personal Protective Equipments

3 Traffic Management Products

This product catalogue will be most useful to employers or workers who are working at height at workplaces, hazardous area and traffic access. In many of the accidents that had been reported and investigated by the government, most of the falls from heights, injuries at workplaces & traffic accident cases can be prevented and avoided by taking the most basic and necessary safety measures. All information/products illustrated are able to provide the relevant and important advice on what steps to be taken, what personal protective equipments and environment set up to be provided to such workers or on how risk assessment can be carried out to ensure workplace is safe.





tracel®

Working At Height Solutions

Empower by



To prevent falls occurring in the most varied of situations is the Tractel® Group's main concern, posing human and technical challenges that require a combination of innovation, talent, skill and experience.

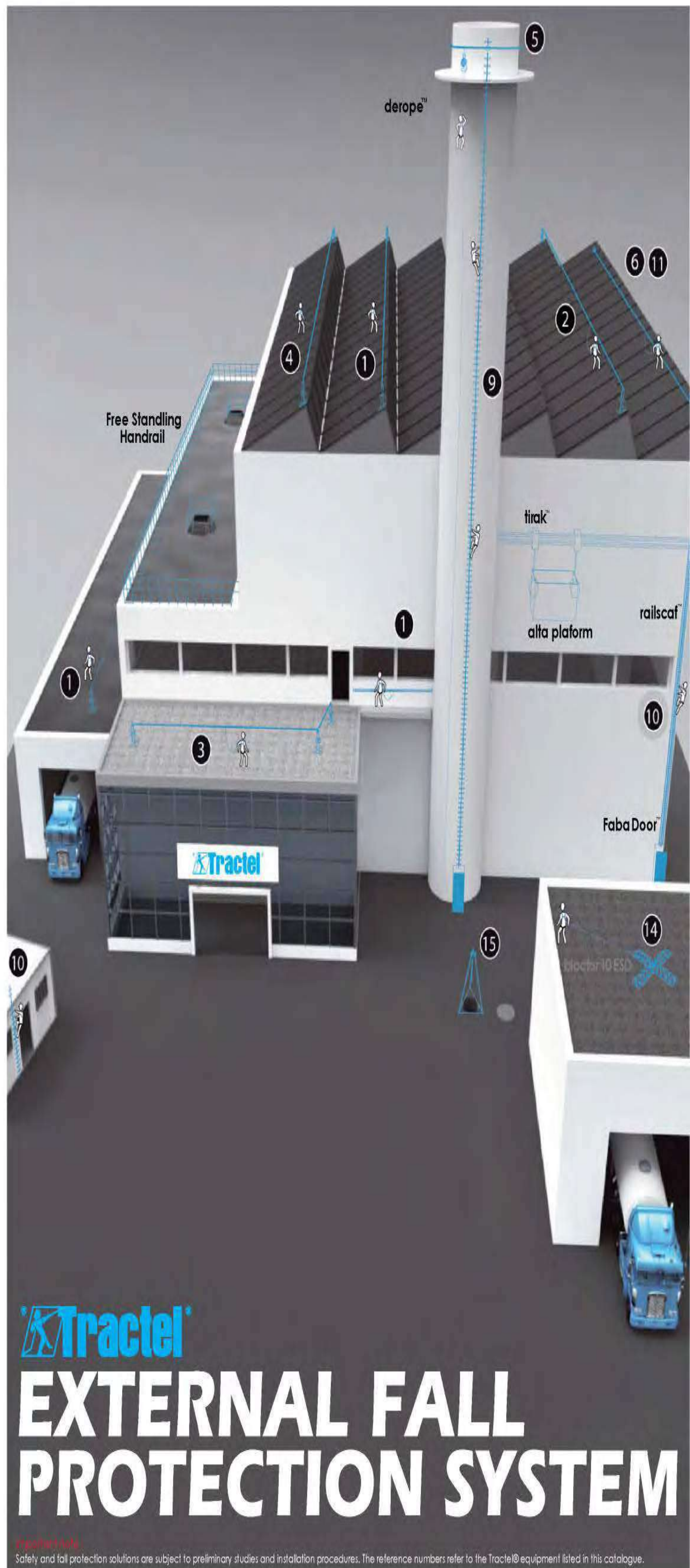
The world-wide presence of the Tractel® Group on building sites & Public Works worksites has contributed to the development of a wide range of harnesses, fall prevention devices for working at height and safety lifelines.

The Tractel® Group is able to offer the most appropriate equipment for your type of business activity, in order to give you support and assurance against the risk of falls when working at heights of over three metres.

With the strength of more than sixty years of experience behind it in Building and Public Works projects, the Tractel® Group has built up a true safety culture by using its wide business experience, its resources and its ingenuity in designing high quality innovative products and systems.

Through its Personal Protection Equipment Division (PPE) and its various production sites located around the World, the Tractel® Group has become one of the main International players in the high level working and fall prevention sector.

Always looking to give full satisfaction to its customers and to better direct their selection of equipment, the Tractel® Group has decided to divide its PPE offer into 4 separate ranges.



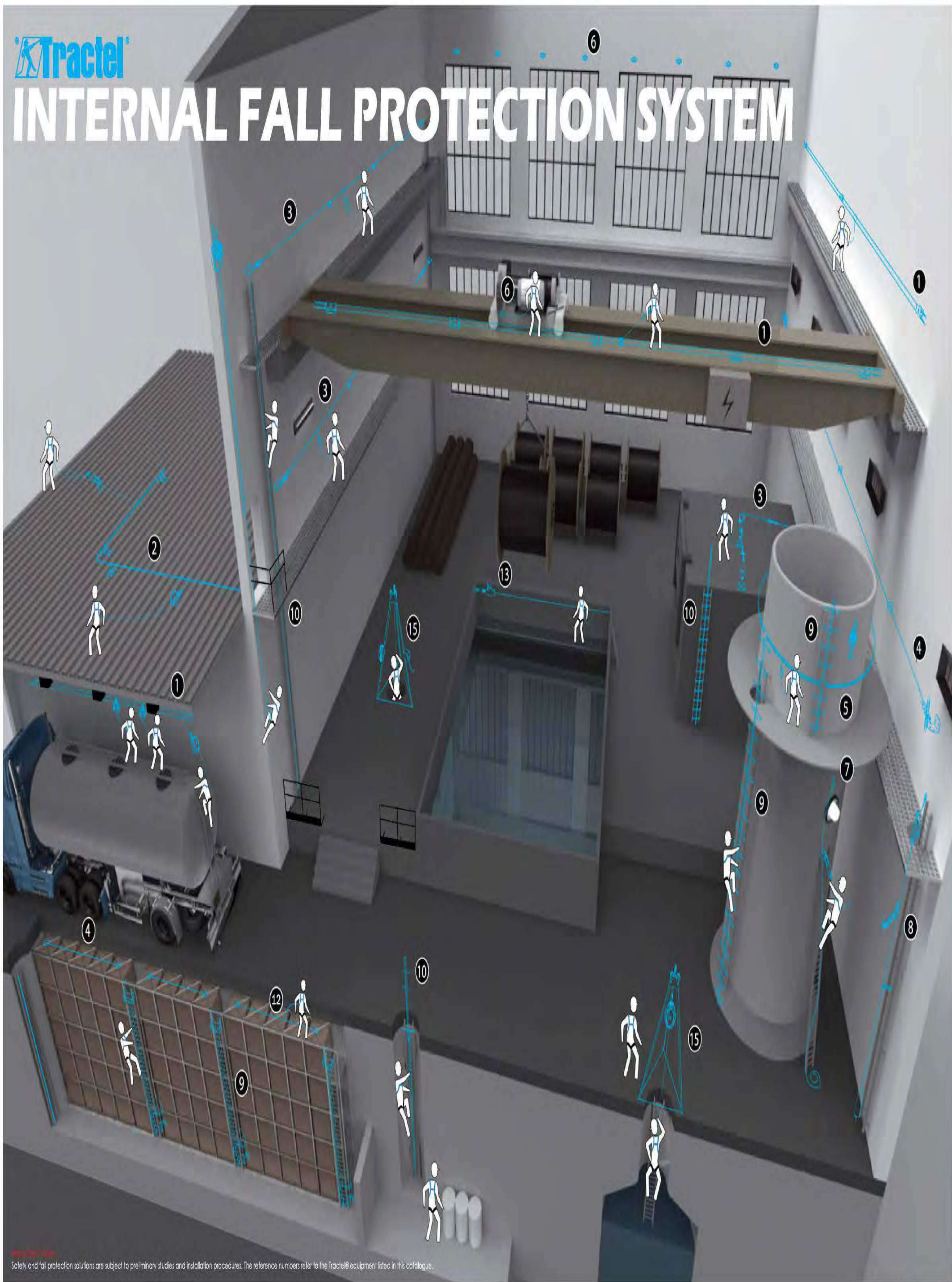
EXTERNAL FALL PROTECTION SYSTEM

Important Note:

Safety and fall protection solutions are subject to preliminary studies and installation procedures. The reference numbers refer to the Tractel® equipment listed in this catalogue.



INTERNAL FALL PROTECTION SYSTEM



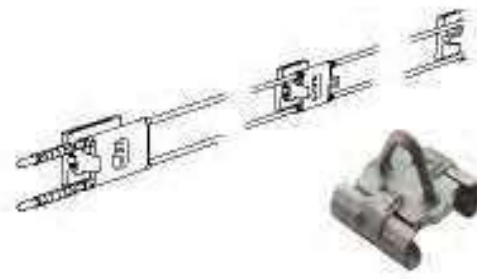
PERMANENT ANCHORING SYSTEMS

Horizontal lifelines and anchors EN 795 A - C - D

1

travsafe™ lifeline

Complete freedom of movement.
Anchors passed automatically.
Users can move and work on both sides of the lifeline.
Can be used by up to 5 users.



FALL ARREST SYSTEM*



HARNESSES*



2

travflex™ 2 lifeline

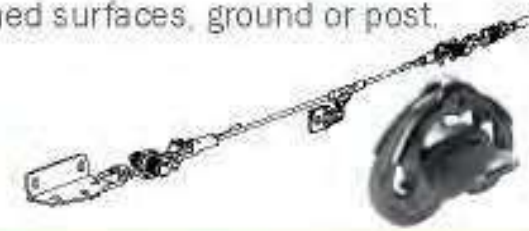
Solution for limited strength structures and steel roof deck sections.
Anchors pass automatically.
Users can move and work on both sides of the lifeline.
Can be used by up to 3 users.



3

travsmart lifeline

Designed for installation under ceiling (within reach), on wall, inclined surfaces, ground or post.
Anchors pass automatically.
Users can move and work on both sides of the lifeline.
Monocable system, quick and easy to install.
Can be used by up to 5 users.



4

travspring™ lifeline

Proximity lifeline.
Intermediate anchors are passed manually.
Monocable system, quick and easy to install.
Can be used by up to 5 users.



5

Faba™ AW1 anchorage

Horizontal fall arrest rail system.
Smooth operation without having to pass intermediate anchors.
Can be used by up to 3 users.



6

PA anchorage

Aluminium anchor point.
Can be installed on concrete or steel.
Designed for 2 users.



7

ringsafe anchorage

Stainless steel anchor point.
Built-in fall indicator.
Designed for 1 user.



Vertical lifelines and rails EN 353-1 and 2

8

stopcable™ S lifeline

Wire rope fall arrest system vertical lifeline.
Mounted on ladder.
Designed for 1 user.



FALL ARREST SYSTEM*



HARNESSES*



9

Rail Faba™ A12

Vertical fall arrest rail system.
Rail only or rail with integrated ladder rungs.
Galvanised steel or stainless steel.
Designed for 1 user.



10

Rail Faba™ AL2

Vertical fall arrest rail system.
Rail only or rail with integrated ladder rungs.
Anodised aluminium.
Designed for 1 user.



TEMPORARY ANCHOR SYSTEMS

Lifelines and anchors EN 795

11 tempo 2 lifeline

Webbing type temporary lifeline.
For installations of 1 to 18 meters.
Designed for 2 users.



12 tempo 3 lifeline

Braided rope type temporary lifeline.
For installations of 1 to 18 meters.
Designed for 3 users.



13 tirsafe lifeline

Simple, quick to install temporary lifeline.
Cable length of 2 to 20 meters.
Designed for 3 users.



14 mobilfor anchorage

Deadweight-type anchor for roof, terrace...
Designed for 1 user.



15 tracode tripod

Tripod equipped :
□ A **blocfor™ R** self-retracting fall arrester
□ A **caRol™** winch.
□ Capable of lifting materials
Designed for 2 users.



FALL ARREST SYSTEM*



HARNESSES*



* product proposal

HEIGHT SAFETY GUIDE for construction applications

FALL CLEARANCE

The fall clearance must be verified before starting to work and buying height safety equipment. It is specific to the available distance of the work area.

Calculating the necessary fall clearance:

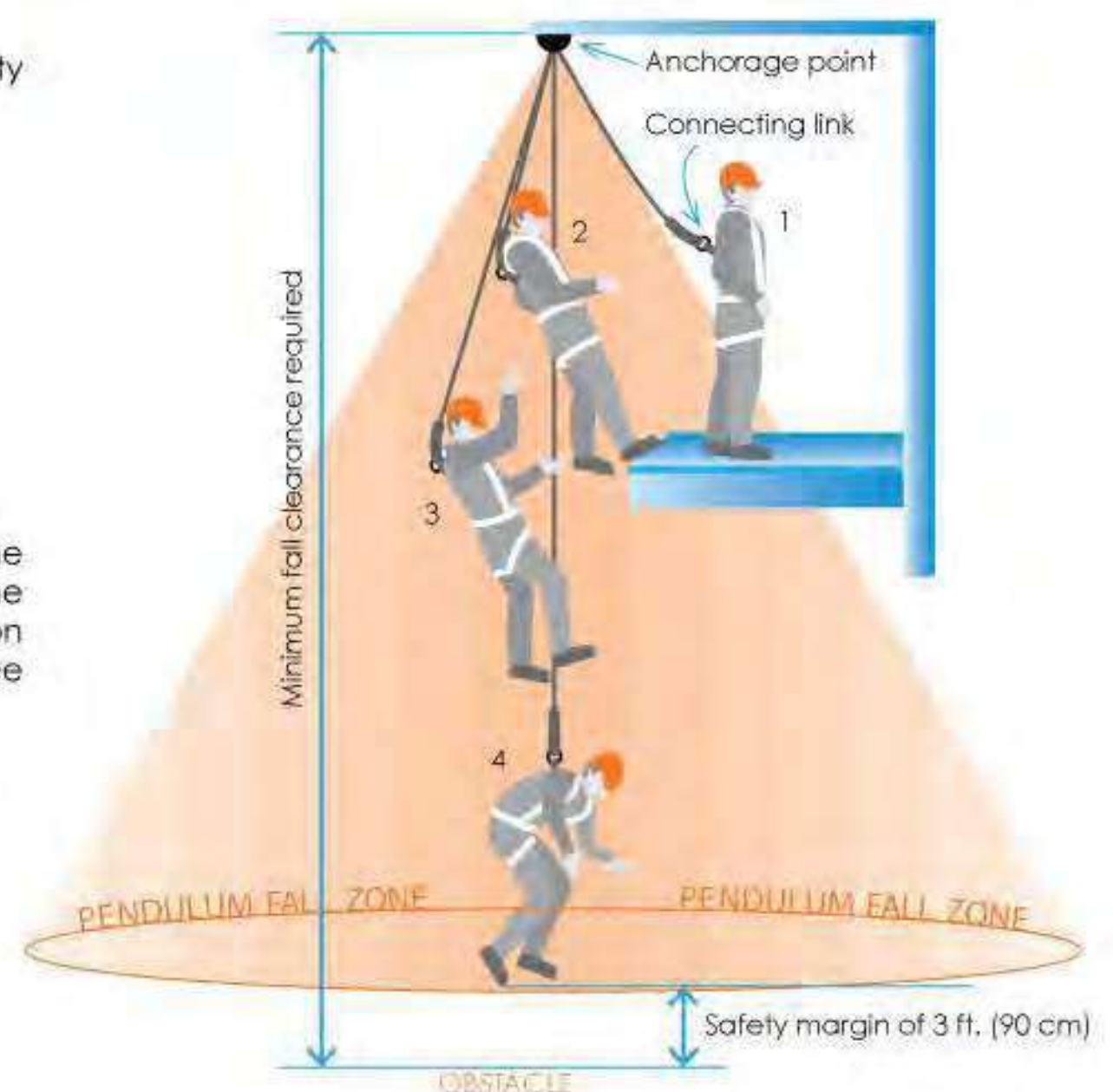
Free fall distance
+ Deployment of energy absorber
+ Displacement of back D-ring
+ Height of worker
+ Safety factor/distance
= Minimum fall clearance required

The pendulum effect:

It is a regular phenomenon caused by the fall of the worker with an angle by the fall of the worker with an angle distanced from the vertical of the anchor point. Depending on the available space, this effect must be taken into consideration in the complete fall protection solution and the limitation of the work area. All this space below the work area should be free of any obstacle that may cause harm or injury to the worker.

The proper height safety products must be chosen in reference to the work environment, work application and use as described in the products' instruction manuals.

Training on the different height safety products and systems is necessary.



FALL ARREST AND ANCHOR DEVICE

Tractel®
FABA™



Since 1965, FABA™ has proposed vertical or horizontal ladder access solutions based on modular, robust designs. FABA™ offers complete solutions as well as safety rails to secure access to your premises. A complete range of standard components guarantees having a fall safety system in compliance with EN 353-1.

FABA™ Fall Arrest Systems allows a safe climbing on fixed vertical ladders and manhole steps of any height or depth, as well as walking on horizontal or inclined access walkways, such as found in or on :

- towers, chimneys, storage tanks, piers, lighting or antenna masts, machines and operating facilities,
- pylons, steel construction, industrial structures, chimneys, mine shafts, manholes,
- high rack warehouses and industrial plants, buildings and facades,
- retaining barrages, pits and basins of water supply and sewage installations

Functionality

The operator must wear a safety harness connected directly to the slider positioned in the FABA™ rail.

In the event of a fall, the slider almost immediately locks in the rail preventing an accident. Sliders have a simple mechanical design and are guided by the interior profile of the FABA™ rail. They offer good tolerances for the installation and their usage.

The Tractel sliders also offer excellent gliding properties. Their absorbers are built in a way that they smoothen the fall and reduce the shock on the body.

Advantages

The FABA™ systems are the only ones on the market with a purely internal gliding system: The principal rollers of the slider are running inside the rail, providing a constant and smooth performance. There are no frictional losses, which is advantageous during ascent.

The inspection and the maintenance is easy and accessible.

The FABA™ systems thanks to its design can be used in freezing temperatures and can be painted to fit in with local needs.

The FABA™ steel system A12 is the lightest one in the market which ease the installation.

The FABA™ systems are available in aluminum, in galvanized steel for most applications, as well as stainless steel for applications in harsh chemical or food handling operations.





TRAVSAFE™ LIFELINE

The travsafe™ lifeline with its two cables is the most efficient and sophisticated lifeline on the market.

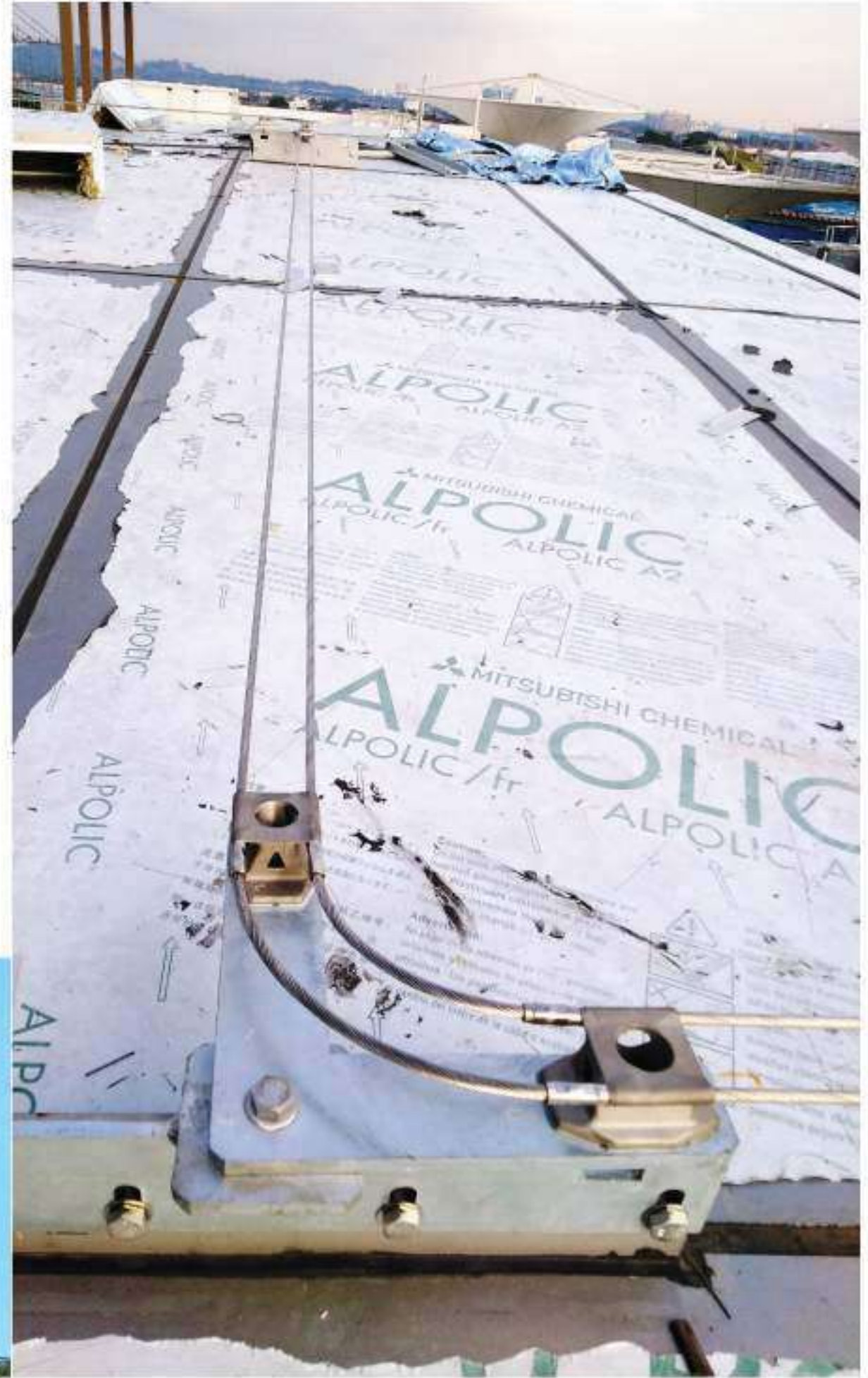
Thanks to its special design, the slider easily moves past the intermediate cable brackets placed, with no need for any manual intervention.

Two versions are now available:

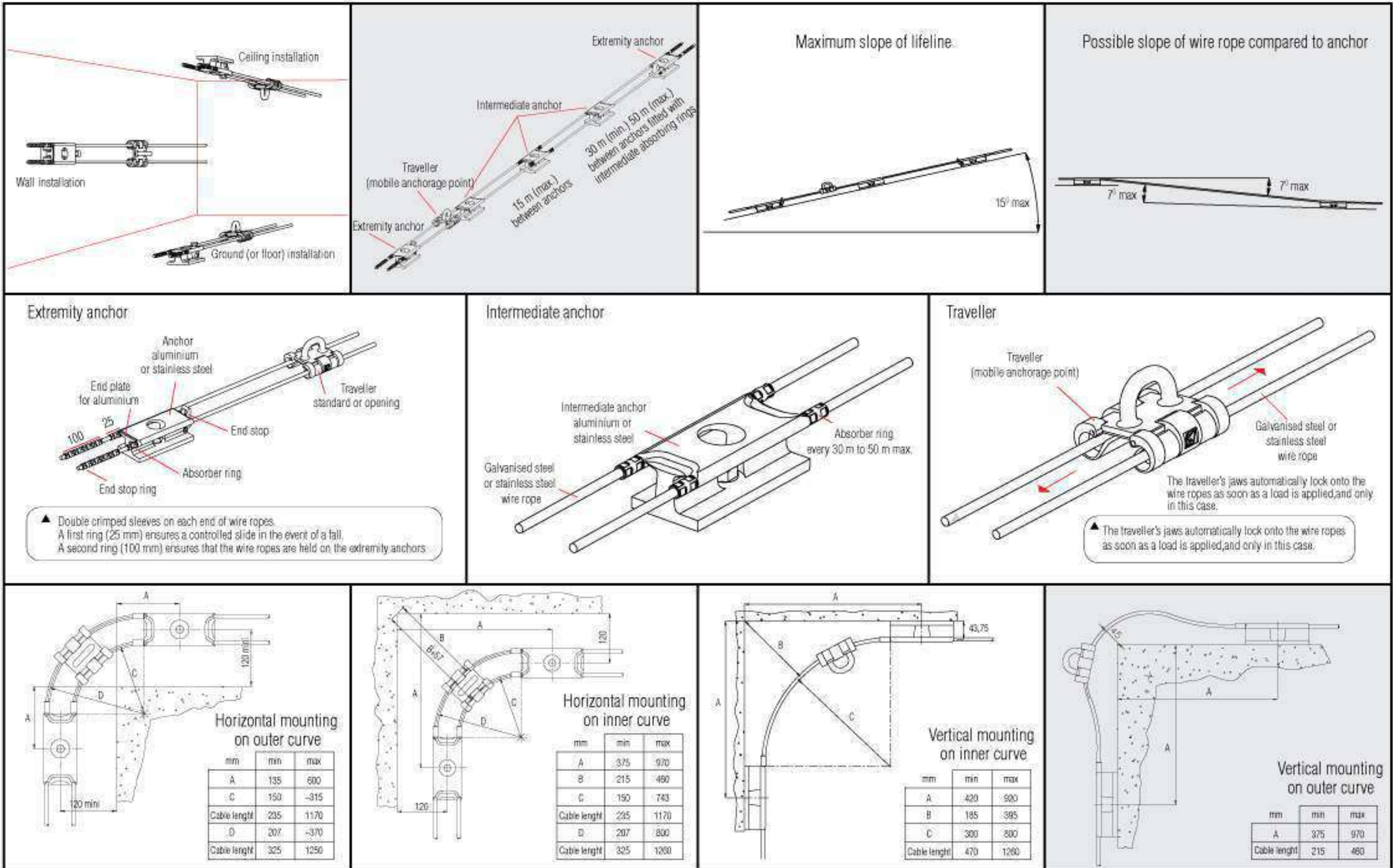
- Standard travsafe™ (with stainless steel shock absorber rings)
- travsafe™ with two-material shock absorber ring

These two travsafe™ lifeline versions can be used by 3 to 5 persons and are designed for installation under ceiling, on wall or ground. The anchors can be installed on any structure or by using post interfaces. Intermediate anchors must be positioned no more than 15 meters apart.

The travsafe™ lifeline is an anchoring system equipped with horizontal, flexible belaying supports which comply with the requirements of the EN 795-C standard.

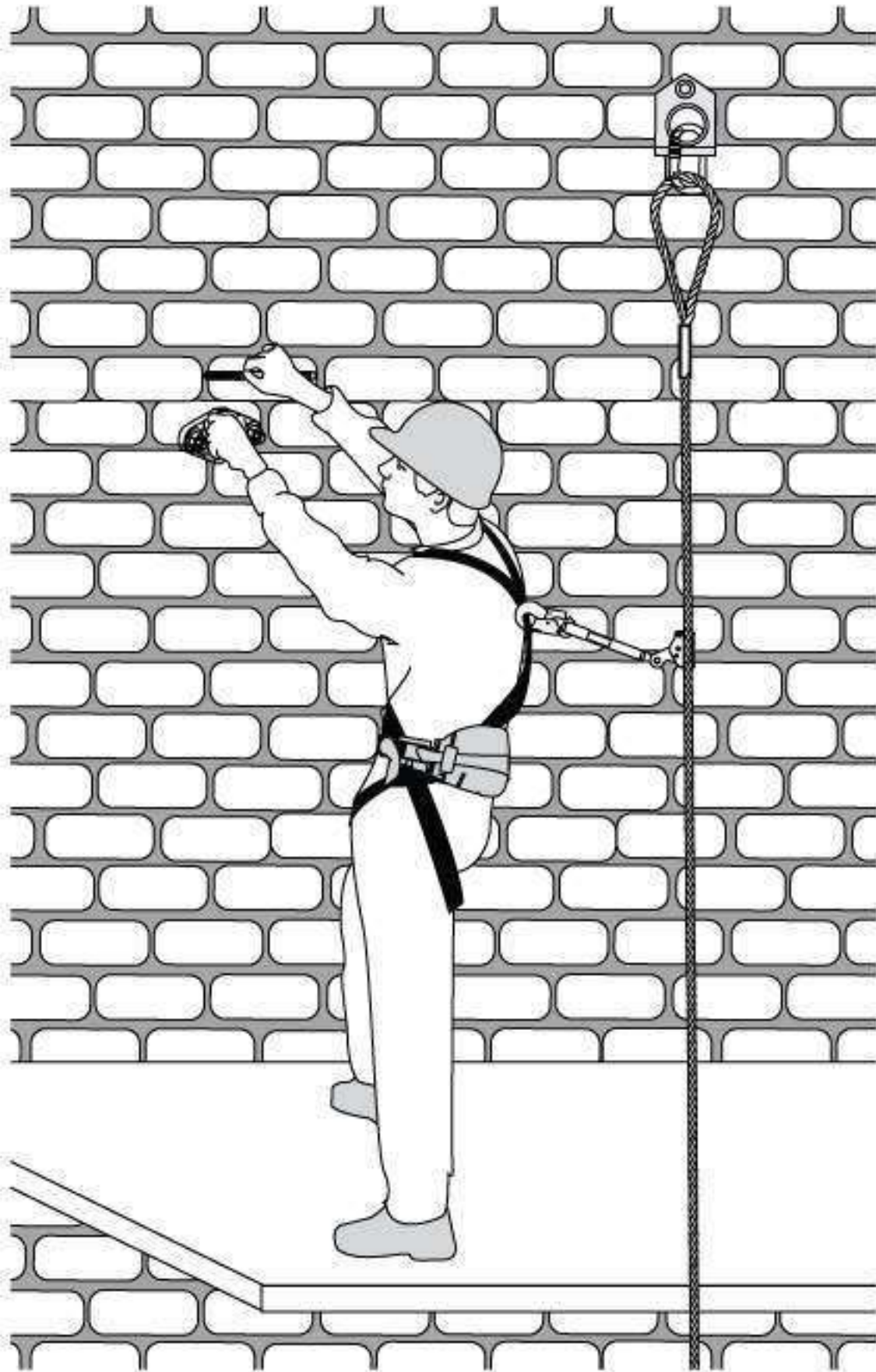


Permanent horizontal lifeline system





ANCHORAGE POINT



Functions

Anchorage points with fall indicator are intended exclusively for anchoring a personal fall protection system. For example a rope with a Stopfor type sliding textile rope grab (fig.1). Anchorage points with fall indicator meet the requirements of standard EN795-A1 for fixed anchorage devices **for a single user**.

Use

- Indoors and outdoors, on a vertical, sloping or horizontal plane (see manual for direction of use)
- On all supports: concrete, metal structures, etc
- Easy connection (connector at end of rod, etc)
- Ideal for environments which are difficult to access (façade, window recess, top of ladder, roof apex, service trunking, civil engineering structures, radio relays, top of dome, etc)

Design

- 316L stainless steel
- Resistance > 10kN.
- Fall indicator: uncoupling of ring A by breaking of section S. Force > 250 daN.

Installation

- Minimum resistance of the support structure: 10kN.
- Chemical, resin or mechanical plug, or fasteners for metal structures (IPN...)

Permissible attachments

- An anchorage device (EN 795)
- A connector (EN 362)
- A fall arrest system (EN 3xx)
- A connector (EN 362)
- A fall arrest harness (EN 361) (back or chest anchorage point)

Using Tractel Advantage

- 150kg Compliance
- Products Lifespan - Limited Extended Warranty subject to Yearly Maintenance contracts.
- Product Liabilities.





CatchTech Catch Net System



CatchTech Catch Net System BS EN1263-1 (Protection Product)

Fall Arrest safety net manufactured by High Tenacity Polypropylene fibres into a knotless mesh form with overstitched on the perimeter (border) to avoid the net tearing and maintain the net safety integrity.

The CatchTech Fall Arrest Safety Nets are manufactured in full compliance with the highest industry Fall Arrest standard, BS EN1263-1.

Every piece of Safety Net is equipped with Individual ID-labels and 3 extra test cords for annual strengthen testing.

Mesh Size 100 X 100mm (5mm diameter)

Mesh Size 20 X 20mm (2.3mm diameter)

Net Classes: A2 (Mesh 100mm) minimum energy absorption 2.3kJ

Withstood: dynamic load of 100kg fall from 7 meter

Size: Length 6m x 3m and 6m x 5m with tubing & attachments



Steel Mesh Guardrail SMG



CatchTech Steel Mesh Guardrail (SMG) as Temporary Edge Protection (Prevention Product)

Designed complies to EN13374 Class A & B

A Systemized Temporary Edge Protection System to prevent people or objects falling to a lower level.

The CatchTech SMG are 1150mm in height and 2400mm in length with integrated toe-board (150mm). They are easy to install, overlapped at any point along their length, supported at both ends by Slab Post.

Less components compared to traditional G.I. pipe or timber guardrails, with no loose parts.

The CatchTech SMG does not require specialist skills or tools to install, onsite training is provided by Safetyslab approved personnel.





HDPE Rubbish Chute



CatchTech HDPE Rubbish Chute System

Designed profile inside smooth, outside corrugated by special joint.

Custom made mounting steel bracket to suit site installation requirement.

System come with PE Calculation & Endorsement.

Minimum maintenance required compare to oil drum type & timber type.

Reducing noise and dust pollution at construction site.

Lockable opening avoids rubbish dumping without permission.

Variable ID from 600mm – 1,200mm for high rise construction job to demolition job.

Extra durable and strong & withstand heavy impact.

High Chemical Resistance & High Abrasion Resistance.

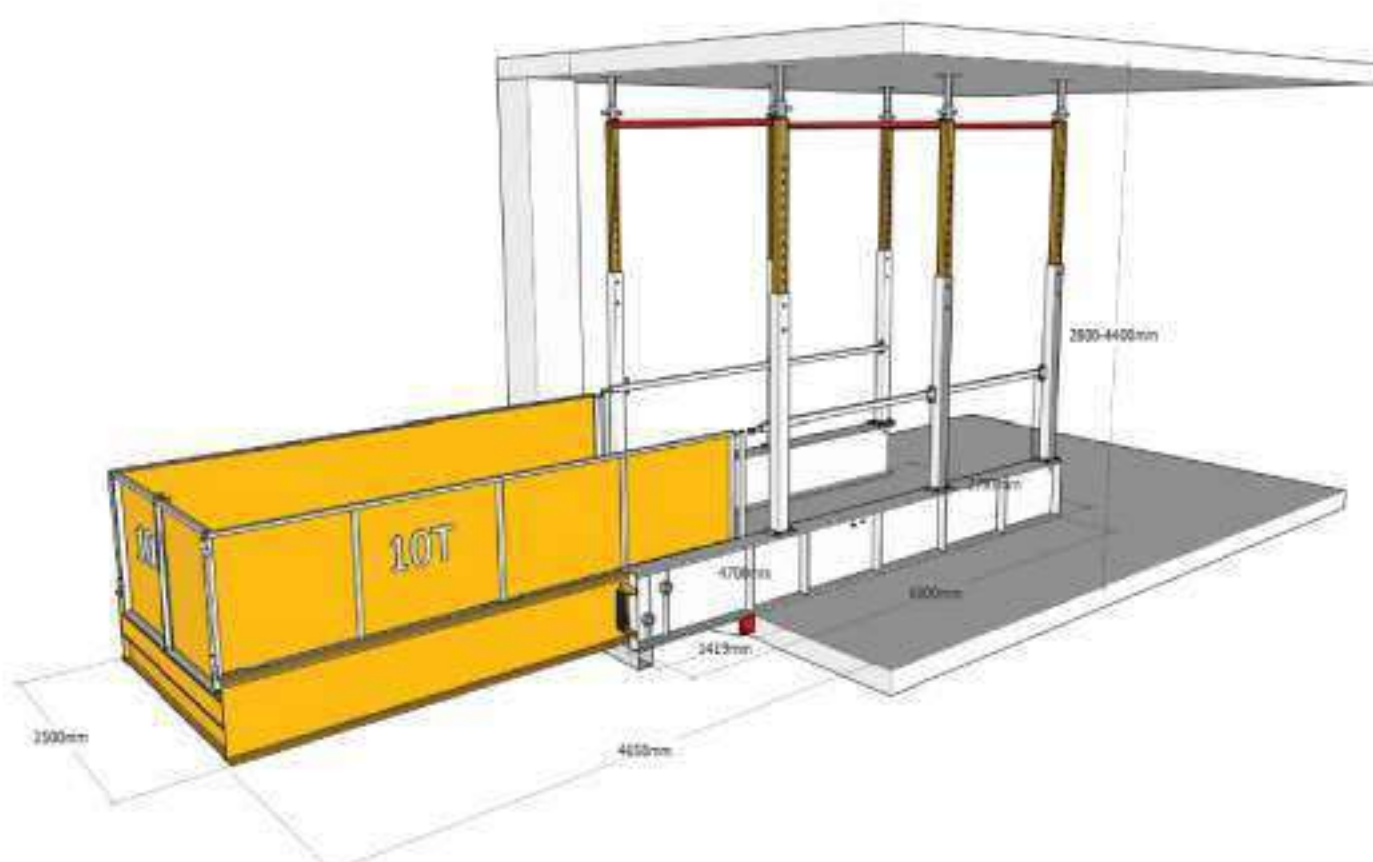
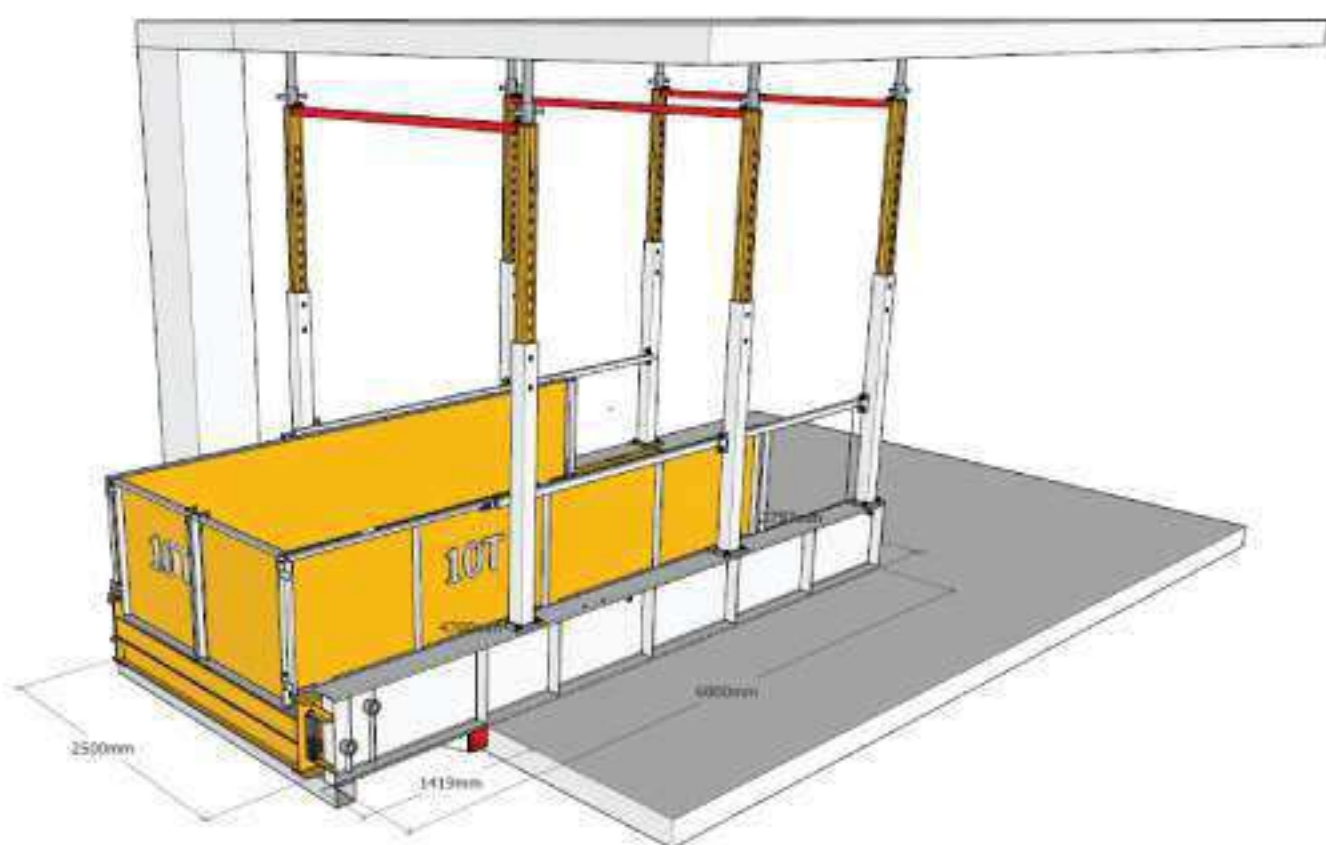
Corrosion Resistance.

Longer Service Life (8-10 years) and suit local construction industry requirement.

Can be recycle & reused.



Loading Platform



Flexiloader Loading Platform

The material loading platform designed in retractable way like "table-drawer". Reduce the construction times & costs further increase site safety.

Increase tower crane efficiency and deliver building materials to destination floor safely.

Designed for easy installation and relocation.



KAYA
SAFETY



SAFETY ROPE ACCESS KITS

17

ISLAND H-13



G-18 A



LUPA® STATIK



F-7



F-6



SE-30



WPL
K-6A/K-7 3A



BG-15



TS-30



RP-892



K-7/3A



E-7



A-1 L & R



D-4



P-455Y

SAFERTY HELMET
(ISLAND H-13)

Product Specifications

- It is ideal for rescue operation and works at height
- Slots for ear protectors fixing
- Adjustable and removable chinstrap
- Ventilation with 2 vents

Color: Red, White, Blue

Size: 54/62 cm (Adjustable)

Weight: 400 gr

Outer Shell: Thermo ABS

Inner Shell: High Tenacity polystyrene EPS foam

Standard: EN 397

G-18 A



Product Specifications

- These highly specialized gloves offer versatility in jobs where multiple tasks are being performed
- Premium synthetic leather palm and fingertip patches
- Velcro wrist fastening
- The fingertips are open on the thumb, index and middle digits. User can switch from one task (like material handling) to another (data entry requiring touch sensitivity) without having to remove gloves

Standard: EN 388

STATIC ROPE
(LUPA® STATIK)

Product Specifications

- Designed for rescue operations and rope access techniques
- Made of High Tenacity Polyamide Fiber (S/Z Twist)
- Formed by core and protector cover
- Excellent hand-grip feature
- High resistance against abrasion
- High UV resistance
- Identification tape inserted (with information of relative standard, type of rope, brand)

Dia: 7 mm, 10.5 mm, 11 mm,
12 mm, 13mm

Standard: EN 1891

Type: A

Weight: 69 gr/mt

Breaking Strength: 34,7 kN

Static Stretching: % 2,7

Sheath Slippage: 15 mm

Mass of the Sheath: % 36 + 3

Wet Tensile Strength: % 1,8

Knot Flexibility: 1,0

Stitched Eyes Strength: 24 kN

Eight Knot Strength: 16 kN7

DESCENDER (D-4)



Product Specifications

- D4 controlled descender tool is designed for working on rope. D4 enables a unique movement in vertical, horizontal and angled works on rope
- It will be attached or deductible to system in any point of rope
- The progressive cam works by way of one cam operating inside another cam
- In the working with rope, the gap on rope is taken easily
- The handle mechanism is designed to rotate through 360° making its use easier and simpler. The handle itself is made from aluminum rather than plastic and is coated in a specially chosen paint which provides extra grip
- Inner cam is made of stainless steel material
- Minimum breaking strength is 16 kN

Rope Dia: Ø 10,5–11 mm

Weight: 655 gr

Standard: EN12841, ANSI Z359, NFPA 1983– meets the requirements of EN341



ASCENDERS (A-1 L & R)



Product Specifications

- It is used for ascending on a rope
- Aluminum alloy material
- Top captive eyes are to be used with pulleys or rope grabs
- Lower captive eye is to be used with webbing ladder
- Outer coating is for comfortable hand grip

Rope Diameter: Ø 8 -13 mm

Weight: 238 gr

Standard: EN 567, UIAA

Product Types

A-1 L : For left hand use. (Orange color)

A-1 R: For right hand use. (Blue color)



SHOCK ABSORBER (E-7)

Product Specifications

- Energy absorber limits the fall arrest force in a fall situation by tearing specific seams.
- Zippered fabric case protects the energy absorber from abrasion and other damages while allowing for regular inspection of the absorber.
- Stitched in professional CNC machines by bonded type UV and dust resistant high tenacity yarn.

Length: 30 cm

Length after complete tearing: 1,75 m

Weight: 230 gr

Standard: EN 355

OVAL-SHAPED ALUMINUM CARABINER (K-7/3A)



Product Specifications



- Multi-purpose use.
- Keylock system prevents snagging of the carabiner during maneuvers
- Red indicator provides a visual warning when the carabiner is unlocked (on SCREW-LOCK version)
- Triple action - auto locking

Strength: 23 kN

Gate Opening: 19 mm

Weight: 83 gr

Standard: EN 362

ROPE GRAB (RP-892)



Product Specifications



- The RED's non-aggressive Cams have a positively locking spring, which means that the device is self-parking (rather than self-tailing, like many Rope grabs)
- Rotational Braking' feature provides the automatic braking in the event of a fall

Weight: 210 gr

Material: Aluminum

Rope Dia: Ø 10,5 - 11 mm (Use only with rope certificated according to EN 1891 Type A)

Standard: CE EN 12841-A



SUSPENSION TRAUMA STRAPS (TS-30)



Product Specifications

- Special design to prevent hanging trauma after fall
- Can be used by connecting to the waist area
- Quick and easy adjustment to leg length

Weight: 200 gr



CARRYING BAG (BG-15)



Product Specifications

- Produced from high tenacity water proof cloth
- Concealable back strap pads
- Additional shoulder strap if needed
- Material space separated with zipper
- Wallet, Passport space

Weight: 1.248 gr

Width: 30 cm

Length: 110 cm

Height: 45 cm

Volume: 58,5 Lr



ENDLESS TUBULAR SLING (F-6)



Product Specifications

- Used to create safe anchoring point for working at height
- 25 mm polyester tubular webbing
- UV and dust resistant bonded type high tenacity sewing thread (different color than webbing)

Strength: 23 kN

Length: 30 cm, 50 cm, 100 cm, 150 cm, 200 cm

Standard: EN 795 Type B, EN 566



ANCHORAGE STRAP (F-7)



Product Specifications

- Used to create safe anchoring point for working at height
- 50 mm width and 3 mm thick polyester webbing
- 2 x S304 quality stainless steel D rings
- UV and dust resistant bonded type high tenacity sewing thread (different color than webbing)

Strength: 25 kN

Length: 50 cm, 100 cm, 150 cm, 200 cm

Standard: EN 795 Type B, EN 354



ADJUSTABLE ETRIER (SE-30)



Product Specifications

- Reinforced steps for durability and ease of use when ascending a rope or aid climbing in rope Access
- High strength of 25 mm polyester webbing
- Easily adjustable QB-25 quick buckles
- Stitched in professional CNC machines by bonded type UV and dust resistant high tenacity yarn
- 3 step with top adjustment

Length: 1,5 m
Strength: 23 kN
Weight: 185 gr



FALL ARREST AND WORK POSITIONING SUSPENSION HARNESS



Product Specifications

- Easily adjustable manual buckles
- Greater control with the indicator in the ridge area providing fall traceability
- Freedom of movement in walking and climbing with elastic leg columns
- User-friendly D-rings with increased ergonomics
- Regular and comfortable operation with 4 materials and 8 hand tools carrying straps
- Protected label for periodic maintenance and monitoring of product life

Size: S/M, L/XL, XXL/XXXL

Standard: EN 361, EN 358, EN 813, EN 12277, EN 1497

WORK POSITIONING LANYARD (WPL K-6A/K-7 3A)



Product Specifications

- Ergonomic design makes it easy to use, ensuring adjustment is quick, accurate and flexible for greater comfort while working.
- Protection sleeve protects the rope against abrasion on rough surfaces and edges.
- Diameter of the rope is 14 mm.
- Rope grab is made of aluminum alloy.
- Stitched in professional CNC machines by bonded type UV and dust resistant high tenacity yarn.

- WPL One side with thimble, the other side spliced end.

- WPL K-6A/K-7 3A

Rope End: K-6A type carabiner.

Rope Grab: K-7/3A type carabiner.

- WPL K-4A/K-7 3A

Rope End: K-4A type carabiner.

Rope Grab: K-7/3A type carabiner.

Length: 3 m – 5 m – 7 m – 10 m

Weight: 735 gr

Standard: EN 358





PELICAN

SMALL LIGHTS

1810 1910 1920 1970 NEW 2130 2130IR 2365 2490



Traffic Wand Included

Snap-On magnetic base

PHOTO

3310PL



COLOR CORRECT LIGHTS

2750CC NEW 2755CC NEW 3310CC NEW 3315CC NEW 3410CC NEW 3415CC NEW



COLOR CORRECT LIGHTS

2750CC NEW 2755CC NEW



HEADLAMPS

2720 2740 2750 2760



HeadsUp Lite™ 2610

HeadsUp Lite™ 2690

2745

2755



LEGEND

- Optional Wand and Holster Available
- Optional Holster Available
- Optional Holster and Helmet Mount Available
- Optional Helmet Mount Available
- Rechargeable

REMOTE AREA LIGHTING SYSTEMS

9430 9430SL 9455 NEW 9480 9490 9440



WARNING: This product can expose you to chemicals including Diisononyl phthalate (DINP), which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov



PELICAN

UMINESCENT LIGHTS

3310ELS



3410/3410M **NEW**



3410M
Includes
Magnetic
Clip

RIGHT ANGLE SAFETY

3315R-RA



3415/3415M



3415M
Includes
Magnetic
Clip



3715



3765



Photoluminescent
Shroud Available
3715PL
3765PL

5-SERIES LIGHTS

3310CC **NEW**



3315CC **NEW**



3410CC **NEW**



3415CC **NEW**



5000 **NEW**



5010 **NEW**



5020 **NEW**



5050R **NEW**



ACCESSORIES

Helmet Mounts



AVAILABLE FOR THESE MODELS*	
1975	3315**
2350	3325
2360	3330
2370	7000
3310**	7100

Nylon Holsters



AVAILABLE FOR THESE MODELS*	
2360	7070R
2370	7100
3310**	7110
3315**	7600
3325	7610
7000	7620
7060	

* Accessory style may vary from image shown | ** Includes all variations of flashlight model

Composite Holsters



AVAILABLE FOR THESE MODELS*	
7100	
7110	
7600	
7610	
7620	

Traffic Wands



AVAILABLE FOR THESE MODELS*	
2370	7600
7000	7610
7060	7620
7070R	8060

2780



2780R



2765



2785



9460/9460M



9470/9470M



Mobility
Version
Shown

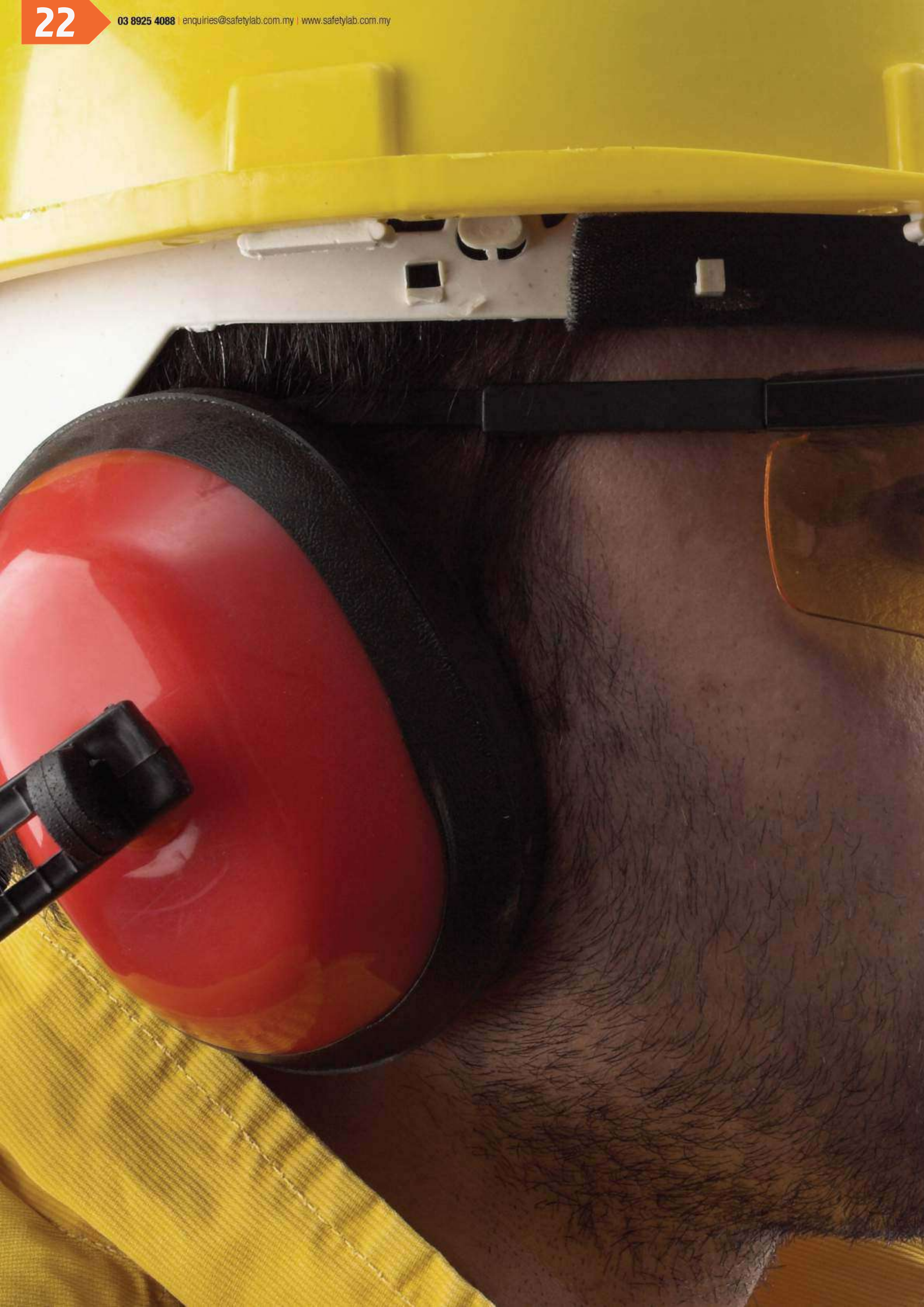
9600 **NEW**



Shown with
base & pole
accessories

9500





Personal Protective Equipments

Associate Brands



20



19



12

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16

17



24

25



18

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22

23



21



18

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21

Traffic Products

28

29

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31


Bullard®

Clean Air Box Series (CAB) Breathing Air Filtration Systems



Compliance

OSHA requires that employers provide their workers with Grade D breathing air. Bullard Clean Air Boxes provide 3-stage filtration and carbon monoxide (CO) monitoring to help meet this requirement.

Design

Rugged construction for harsh work environments

- Polycarbonate Pelican® Cases (Portable Units)
- Powder Coated Steel (Wall Mount Units)

Automatic condensate drains extend filter element life
Independent regulators (optional) ensure each worker has the proper air flow.

3-Stage Filtration

Three stages of filtration remove oil, water, particulate, oil vapor and odors.

- First Stage - Removes 95% of solid contaminants and bulk liquids from the breathing air, down to five microns, prolonging the life of the second and third stage elements.
- Second Stage - Removes extremely fine oil mists down to .01 microns. Maximum remaining filter efficiency is 99.9998%.
- Third Stage - Removes unpleasant oil and hydrocarbon vapors and odors from the air. Maximum remaining oil content is .003 ppm by weight. Filter efficiency is 99.9998%.

Filter change indicators visually alerts the operator to replace element
Replacement filters compatible with other brands of filtration panels.

CO Monitoring

Auto calibration takes approximately 90 seconds and requires no tools
High intensity 90 dB alarm remote capable with strobe
Self-contained

- 70+ hours of operation on 8-AA batteries
- 110VAC power cord included

Visual display with Internal LCD and External LED



Portable Clean Air Box Filtration (CAB)



Wall Mount Clean Air Filtration



41 Series Airline Filter



Lens Cover



Cool Tube Filter



Air Supply Hose

Bullard® Power Air Purify Respirator (PAPRs)



EVAHL System

Use battery-powered fan draw in ambient air through cartridges. The purified air is then delivered to user's hood, helmet or facepiece via a breathing tube.

Application

Paint works
Chemical handling
Healthcare
Pharmaceutical

Standard Compliances

NIOSH 21C-0922, 23C-2765



EVAHL Blower



Respiratory Headtop Hood

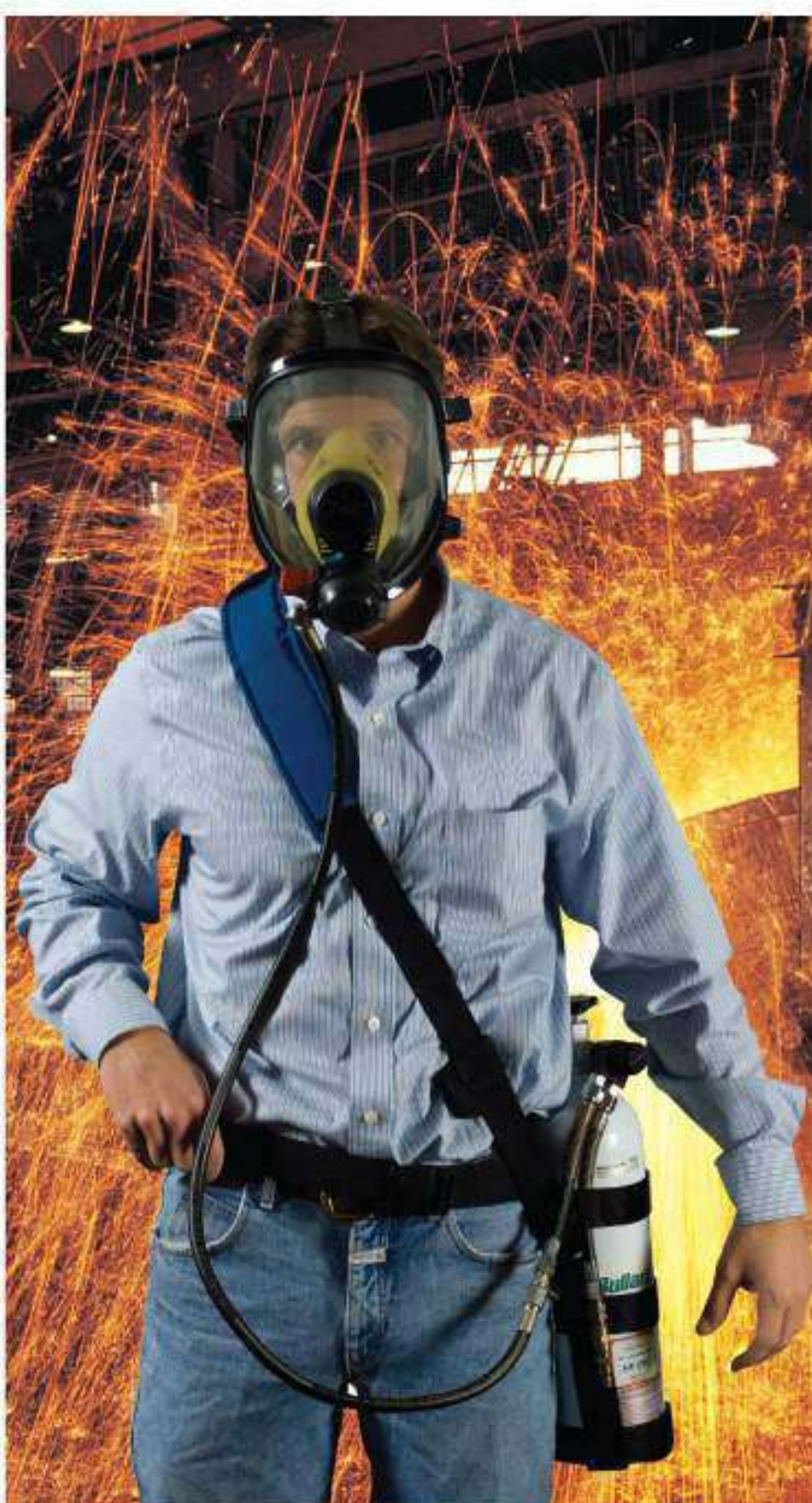


Battery & Charge



Breathing Tube

Bullard® Pressure Demand Airline



Spectrum System

Offering outstanding comfort, a low-profile fit, unparalleled visibility, simplicity, and 1,000 Assigned Protection Factor. A respirator that fits your face, your hands, and your high expectations.

Standard Compliances

NIOSH Approval
TC -19C-354 Pressure Demand Class
TC-13F-387 Pressure Demand/ESCBA 5 Minute Escape Bottle
TC-13F-388 Pressure Demand/ESCBA 10 Minute Escape Bottle
• 1,000 Assigned Protection Factor (APF)
• ANSI/ISEA Z87+ 2010 Impact Face Protection

Application

Escape from IDLH
Confined Space
Remediation
Spray Foam Insulation
Painting



SPECDE
Pressure Demand



SPECCE
Continuous Flow



SPECDE/SPECCE
Instruction Manual



EEBA Cylinder
& Hardness Assembly



Spectrum
Full Facepiece



RA458 Regulator
& CS30 Coupler



Bullard® Supplied Air Respirators (SARs)



GenVX System

The GenVX® offers unrivaled comfort and durability in a lightweight design. It is the lightest, coolest, most comfortable, and most dependable helmet on the market, with the industry-leading 2-year warranty.

Application

**Abrasive Grinding Works
Blasting**

Standard Compliances

ANSI/ISEA Z89 Head Protection and High-Impact Z87+ Face Protection



GenVX
Respirator

Capes

Breathing Tube



Bullard® Supplied Air Respirators (SARs)



FAMB2 System

Available with pressure demand and continuous flow, the FAMB Series provides clean air to workers in environments that are contaminated with dusts, mists, gases, and vapors.

Application

**Spray Painting and Coating
Remediation
Chemical & Pesticide Handling
Spray Foam Insulation
Welding
Wood Finishing**

Standard Compliances

NIOSH approved for use in Type C applications (TC #19C-469)



FAMB2 Respirator



Air Supply Hose



BT100 Breathing Tube



EDP10 Free Air Pump



Bullard® Power Air Purify Respirator (PAPRs)



Sparklift
Welding Helmet



SPARKLIFT Welding Helmets

The SparxLift welding helmet provides superior face protection for welding and grinding in a single package.

EYE PROTECTION Full-time Ultraviolet (UV) and Infrared (IR) filters react to prevent flash in 1/25,000 second.

FACE PROTECTION Clear panoramic polycarbonate lens protects while grinding and the engineered Nylon Shell provides tough, lightweight, heat resistant protection.

AUTO-LIFT Unique patented AutoLift design that allows switching from welding to grinding at the push of a button

BRILLIANT CLEAR X-VIEW Optically correct UV and IR filters combine with ultra-fast low distortion Liquid Crystal Display (LCD) panels to provide the best viewing performance.

AUTO DARKENING FILTER Eliminates neck strain from "nodding" with fixed shade welding helmets.

INNER SENSE™ Patented feature detects the Radio Frequency (RF) signal produced by Tungsten Inert Gas (TIG) welders to darken the screen before the arc is struck.



Bullard® Supplied Air Pump



EDP 16HAZ
EDP 16TE



EDP10 Free Air Pump



Free Air Electric-Driven Pump - EDP 16HAZ / EDP 16TE

- Two to Three Person Hazardous Duty Pump.
- 1.5 HP electric driven, oil less air pump with hazardous duty motor (Explosion Proof)
- Supplies air to two hood style or three half or full face mask airline respirators.
- Inlet and Outlet filter cartridges.
- Pressure gauge (0~30 psig)
- Starter/ Contractor to be supplied by user.
- Two ½ " Industrial Interchange (Hanson compatible) quick disconnect coupler.
- Three Phase 60Hz 230 ~ 460 volts
- Shipping weight : 100 lbs.

Class I Group D Div. 1&2
Class II Group F Div. 1&2
Class II Group G Div. 1&2
Class III Div. 1&2

Free Air Electric-Driven Pump - EDP 10 / EDP 10HM

Easy to operate and maintain; Offer low cost way to supply clean, breathable air to workers in contaminated environments. Efficient and economical; Portable and moveable quickly; Oil less, do not produce carbon monoxide, oil vapor or oil mist. An alternative to compressed air. Available in both electric and air driven models; Low power requirements.

- ¾ HP electric driven, oil less air pump with open drip-proof motor drive.
- Supplies air to one hood style or two half or full face mask airline respirators.
- Inlet and Outlet filter cartridges.
- Electrical cord and On/Off switch.
- One ½ " Industrial Interchange (Hanson compatible) quick disconnect coupler.
- Single Phase 50Hz 110/220 volts
- Shipping weight : 60 lbs.



Fireman Helmets



Magma

The new Magma fire helmet platform concept.

Choose your personalized Magma from two unique configurations, Type A or Type B with a unified look

- Sleek design accommodates a wide variety of accessories and electronic components
- Can be easily reconfigured for new applications
- Magma offers low weight and the most superior comfort in its class
- Built Bullard Tough – meeting your expectations

Standard Compliances

EN443:2008, EN14458:2004, EN166:2001, EN469

Magma Type A



Magma Type B - Three-quarter size shell



Colours



Magma
Fireman Helmets



Industrial Safety Helmets

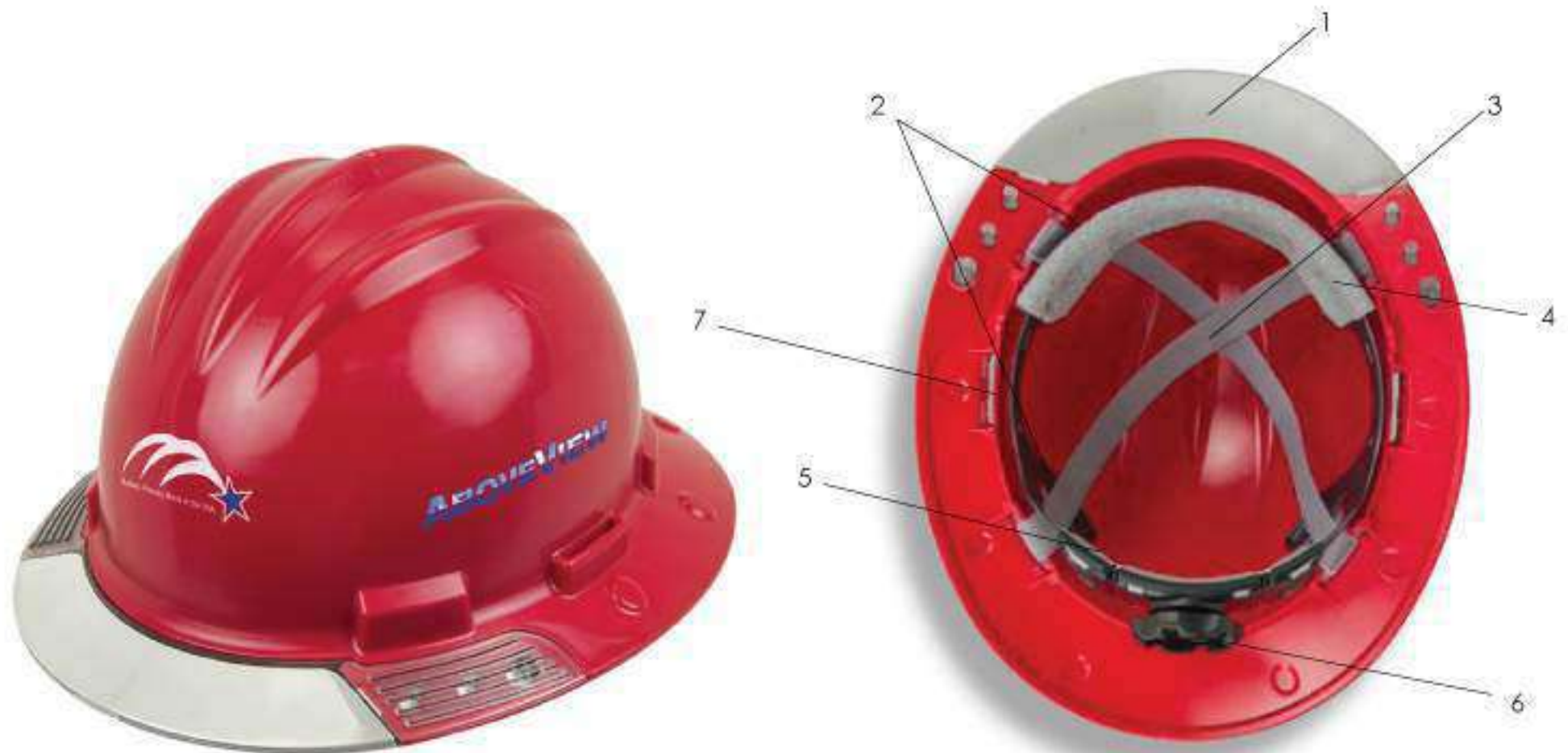


AboveView

Featuring a see-through visor that allows workers to see hazards overhead, the patented AboveView Full-Brim Hard Hat is designed with a wide brim for increased protection from the elements and comes equipped with accessory slots for a variety of attachments.

Standard Compliances

ANSI/ISEA Classification: Z89.1, Type I, Class E and G



1. Replaceable See-Through Visor
2. Vertical Adjustments (two front and two rear)
3. Nylon Crown Straps
4. Large, replaceable, absorbent Cotton or easy-to-clean Vinyl brow pad
5. Cushioned Nape
6. Large, easy-to-turn Flex-Gear ratchet knob
7. Accessory Slots

Colours



AboveView

Bullard® Industrial Safety Helmets



Standard Series

The foundation of the Bullard head protection product line is a selection of standard styled models. Designed with a wide profile and brim, Standard hats and caps enhance ventilation, provide increased protection from the sun and rain, and offer greater comfort for outdoor workers. All standard hard hats and caps are made from high-density polyethylene and come equipped with Bullard 6-point self-sizing pinlock or Flex-Gear® ratchet suspension system. Both suspension systems allow for a truly customized and comfortable fit with 1" wide seamless nylon straps, vertical adjustment keys, and an absorbent cotton brow pad.

Standard Compliances

ANSI/ISEA Z89.1, Type I, Class E & G

Standard Cap S61



PART NO.	TYPE
S10IS61RWHBV	WHITE
S10IS61RYLBV	YELLOW
S10IS61RRDBV	RED
S10IS61RORBV	ORANGE
S10IS61RNVBV	NAVY BLUE
S10IS61RKGBV	KELLY GREEN

Colours



Full Brim S71



PART NO.	TYPE
S10IS71RWHBV	WHITE
S10IS71RYLBV	YELLOW
S10IS71RRDBV	RED
S10IS71RORBV	ORANGE
S10IS71RNVBV	NAVY BLUE
S10IS71RKGBV	KELLY GREEN



Classic Hat S61



Full Brim S71

Bullard® Industrial Safety Helmets Accessories



ACCESSORIES for CAP & HAT



S111SS5
Sun Shield for CAP



S111SS6
Sun Shield for HAT



S111300B (for CAP)
Nylon Dielectric Visor Bracket



S111312B (for HAT)
Nylon Dielectric Visor Bracket



S1111840P
Polycarbonate CLEAR Visor



S111CSS
Cotton Sunshade
Neck Protector



Industrial Safety Helmets

uvee ClassicCap available Colours



uvee FullBrim available Colours



uvee ProCap



uvee FullBrim Hat



Push Lock



Ratchet Lock

uvee Industrial Safety Helmets

Professional industrial ABS safety helmet with push and ratchet locking system design. A typical cap shape by computer aided design (CAD), the ProCap & FullBrim industrial safety helmet is enhanced by its unique Ultra Protective Design (Reg. Malaysia ID) to provide higher resistance level of penetration impact against falling object efficiently slow down the shock being impacted directly to the wearer's head.

Standard Compliances

Certified to MS183:2001 by SIRIM

PART NO.	TYPE	PART NO.	TYPE
S101UVCRW	Cap/Ratchet Lock/Yellow	S101UVCPBL	Cap/Push Lock/Blue
S101UVCRWH	Cap/Ratchet Lock/White	S101UVCPGR	Cap/Push Lock/Green
S101UVCRRD	Cap/Ratchet Lock/Red	S101UVCPGY	Cap/Push Lock/Grey
S101UVCROR	Cap/Ratchet Lock/Orange	S101UVFRYW	FullBrim/Ratchet Lock/Yellow
S101UVCRBL	Cap/Ratchet Lock/Blue	S101UVFRWH	FullBrim/Ratchet Lock/White
S101UVCRGR	Cap/Ratchet Lock/Green	S101UVFRRD	FullBrim/Ratchet Lock/Red
S101UVCRGY	Cap/Ratchet Lock/Grey	S101UVFRGY	FullBrim/Ratchet Lock/Grey
S101UVCPYW	Cap/Push Lock/Yellow	S101UVFPYW	FullBrim/Push Lock/Yellow
S101UVCPWH	Cap/Push Lock/White	S101UVFPWH	FullBrim/Push Lock/White
S101UVCPRD	Cap/Push Lock/Red	S101UVFPRD	FullBrim/Push Lock/Red
S101UVCPOR	Cap/Push Lock/Orange	S101UVFPGY	FullBrim/Push Lock/Grey



Signlab
172, Jalan P 5/11
80000 Skudai, Johor
47100 Puchong
1 700 01 9901 | enquiry@safetylab.com.my

Project: _____
Company: _____
Induction No.: _____ Date: ____/____/____
Induction Officer: _____

SITE INDUCTED

SAMPLE



LB001



LB002



LB015



LB012



LB014



LB016



LB017



LB018



SAMPLE

Hard Hat Labels **MINIlabel**

Self adhesive vinyl sticker with gloss finishing. Each labels is backing with peel off material with easy fixing. Graphics is HP Latex printed, is suitable for outdoor use. Low Cost & ideal for curved surfaces. Apply to a clean, dry & smooth surface for best results.



Hearing Protection



uvee Industrial Safety Helmets Ear Muffs

NRR22dB
Fluorescent Green & Black

Standard Compliances

EN352-1

Order Code

S302UV6201



Industrial Safety Eyewear



S201UV7573

25 Grams / Clear / UV Protection / Anti-fog

Standard Compliances

ANSI Z87.1 & EN166

Order Code

S201UV7573C (Clear)

S201UV7573SM (Smoke Mirror)



S201UV7182SM

23 Grams / Smoke / Polycarbonate frame / Anti-fog

Standard Compliances

ANSI Z87.1 & EN166



S201UV7182C

23 Grams / Clear / Polycarbonate frame / Anti-fog

Standard Compliances

ANSI Z87.1 & EN166



S201UV7660C Visitor Eyewear

42 Grams / Clear / Polycarbonate frame / Anti-fog

Standard Compliances

ANSI Z87.1 & EN 166



S201UV7311 Welding Eyewear

42 Grams / Shade 5 Green / Polycarbonate frame / UV, IR protection

Standard Compliances

ANSI Z87.1 & EN 169



Industrial Safety Eyewear



A stylishly designed OTG is suitable for most modern prescription frames

OverLight II OTG

33 Grams / Polycarbonate frame / 2.0mm Polycarbonate, 4 Base curve lens "ALS" Anti-fog / Anti-scratch coating on lens & sides / 100% UV385 Clear Lightweight over spectacle / Comfort and fit.

Standard Compliances

AS/NES 1337.1-2010

Order Code

S2021680501 (Clear)

S2021680502 (Smoke)



Rush Plus

27 Grams / Polycarbonate with PVC nose bridge frame / 2.0mm Polycarbonate, "ALS" Anti-fog / Anti-scratch coating on lens & sides / 100% UV385 Clear Lens / 100% UV400 for Smoke, ESP & Contrast lens / Lightweight over spectacle / Tilt adjustment temples for comfort and fit

Standard Compliances

ANSI Z87.1-2010 EN166

Order Code

S2011662301A (Clear)

S2011662302A (Smoke)

S2011662306A (ESP)

S2011662318A (Contrast)

S2011662320 (Gasket w/ Strap)



Gasket with Strap version



Respiratory & Hearing Protection



3M PARTICULATE RESPIRATOR 8210 N95 20 PCS PER BOX

BREATHE EASIER! ADVANCED ELECTROSTATIC MEDIA TECHNOLOGY ENHANCES PARTICULATE CAPTURE WHILE REDUCING BREATHING RESISTANCE. DESIGNED WITH WELDED STRAP ATTACHMENT FOR GREATER DURABILITY, SOFT NOSE FOAM, FOR MORE COMFORT AND ADJUSTABLE NOSECLIP TO HELP ENSURE A SECURE CUSTOM SEAL.

RECOMMENDED INDUSTRY- COMMERCIAL BUILDINGS, CONSTRUCTION, DESIGN & CONSTRUCTION, FOOD PROCESSING, FOOD SAFETY, GENERAL MANUFACTURING, HEAVY INFRASTRUCTURE, MINING, OIL & GAS, TRANSPORTATION



3M 1270 (CORDED) 3M 1271 (CORDED WITH CASE) REUSABLE TPEs CORDED EAR PLUG NRR 24 DB 100 PAIRS PER BOX (1270) 50 PAIRS PER BOX (1271)

SOFT, THERMOPLASTIC ELASTOMERS (TPEs) AND TRIPLE FLANGE DESIGN HELPS PROVIDE A COMFORTABLE NOISE REDUCING SEAL IN THE EARCANAL. POLYESTER CORDED.

Compliance
ANSI S3. 19-1974



3M 1110 FOAM EAR PLUG NRR 29 DB 200 PAIRS/BOX

SOFT, HYPOALLERGENIC FOAM AND A TAPERED DESIGN HELP PROVIDE A COMFORTABLE NOISE-REDUCING SEAL IN THE EARCANAL. 3M 1110 ARE EASY TO ROLL DOWN AND ARE ENGINEERED FOR ALL-DAY COMFORT.

Compliance
ANSI S3. 19-1974



Signage Marking



u-see Ear Plug Dispenser

SNR35dB
500 pairs

Order Code

S301UV6620D (Ear Plug Dispenser)
S301UV6620 (Foam Ear Plug)



MX015

300x400 / 400x600



MX017

300x400 / 400x600



M002

400x300
600x400



M035

100x300 / 200x600



M137

80 / 200 dia.



M072

300x400 / 400x600



M001

400x300
600x400



M101

400x300 / 600x400



MX070

600x200

Ear Protection Signs

Industrial safety law requires areas subject to hazardous noise to be clearly defined and workers notified of these danger. This series of signs is designed to warn personnel when noise levels exceed a pre-set level. If client would like to modify the reading of the noise dB unit, please inform our design team, Is FREE.

TWISTER**Hand Protection****P1300 PU Work Gloves**

Coated with Polyurethane. 13G Polyester liner. Great dexterity & sensitivity. Increase comfort & sure grip.

Compliance

EN388 : 4131

PART NO.	SIZE	COLOR
S501P1300M	8/M	BLACK
S501P1300L	9/L	BLACK
S501P1300X	10/XL	BLACK

**ImpactGard 10.5" Impact Gloves with Cut 3 Resistant**

Palm – Synthetic Leather (Amara) with Silicon printed with extra reinforcement grips. Back fabric – TPR(Rubber) injected on Spandex laminated fabric; Neoprene wrist Velcro Strap.

Impact reducing gloves. Maximum back-of-hand impact protection meet superior abrasion-resistance, cut resistant, dexterity & Grip

Compliance

EN388 : 3343

PART NO.	SIZE	COLOR
S501IPG466SMS	S	Fluorescent YELLOW
S501IPG466SMM	M	Fluorescent YELLOW
S501IPG466SML	L	Fluorescent YELLOW
S501IPG466SMX	XL	Fluorescent YELLOW
S501IPG466SM2X	2XL	Fluorescent YELLOW
S501IPG466SM3X	3XL	Fluorescent YELLOW

**P775 PU Cut Resistant Gloves**

Coated with Polyurethane. HDPE, Glassfiber & Spandex liner. Best cut resistant, sure grip & great durability

Compliance

EN388 : 4542

PART NO.	SIZE	COLOR
S501P775M	8/M	GREY
S501P775L	9/L	GREY
S501P775X	10/X	GREY

**WeldGard 10.5" ARC Welding Gloves**

Made from premium Goatskin leather; Combines comfort, dexterity, durability and abrasion. Full palm with split win thumb

Compliance

EN388 : 2121

PART NO.	SIZE	COLOR
S501TAGG520GY10	10	GREY
S501TAGG520GY11	11	GREY
S501TAGG520GY12	12	GREY

**FireGard14.0" Fireman Gloves**

Full grain cowhide leather; Gunn cut, winged thumb, gauntlet type; Wrist with Velcro strap

Compliance

EN388 : 3222 ; EN407 : 433323

PART NO.	SIZE	COLOR
S502FG936L	9	BEIGE
S502FG936X	10	BEIGE



Work Wear



Industrial Cotton Workwear

A general heavy duty Coverall @ Jacket, Preshrunk 100% Cotton. Features with 2 chest pocket, 2 lower side pocket, 2 lower trouser back pocket and 1 side knee pocket. The 20mm Reflector at both Sleeve Arm, back body Shoulder, and both Knee provide easy visibility.

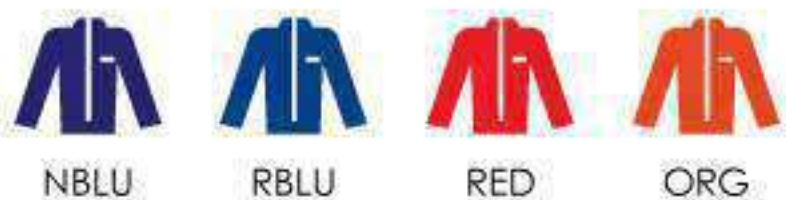
COVERALL size: M / L / XL / XXL / XXXL

Fabric Weight 190g/m² S601CCR190
Fabric Weight 220g/m² S601CCR220



JACKET size: M / L / XL / XXL / XXXL

Fabric Weight 190g/m² S601CJR190
Fabric Weight 220g/m² S601CJR220



Flame Retardant Coverall

Made from Inherent built flame retardant against flash fire, electric arc and other dangerous conditions to safeguard human body from immediate spread of fire. This durable garments suitable for most of the Oil & Gas safety workwear requirement. The FR zipper closure design allow to get in and off quickly. The FR reflective fabric provide easy visibility for the wearer.

Compliance

NFPA 70E HRC 1 / HRC 2; NFPA 2112-2007; EN 531-1995; EN 532-1995; EN 11612-2008

COVERALL size: M / L / XL / XXL / XXXL

NOMEX IIIA Weight 150g/m² S603NCR150
NOMEX IIIA Weight 180g/m² S603NCR180
TecaSafe PLUS Weight 238g/m² S603TSCR238



SUIT size: M / L / XL / XXL / XXXL

NOMEX IIIA Weight 150g/m² S603NSR150
NOMEX IIIA Weight 180g/m² S603NSR180
TecaSafe PLUS Weight 238g/m² S603TSSR238





Work Wear



Industrial Safety Rainwear

Ideal for emergency response, traffic safety, survey crew & Roadway workers. 300D Oxford fabric with PU coating and 100% taffeta inner lining. Zipper closure with storm flap by velcro. Detachable hood
All reflector is 50mm width High Gloss Microprism Bead Class 2.
2 @ Both sleeve
2 @ Horizontal round body
2 @ Vertical cross shoulder

Compliance

EN ISO 20471 Class 2/3 ; ANSI/ISEA 10:20-2015

size: M / L / XL / XXL / XXXL

Raincoat Coat	S609RC300D
Raincoat Jacket	S609RJ300D



FLG



FLG



Fluorescent WorkVest

Durable polyester for breathability features. Light weight. Zipper closure. All reflector is 50mm width High Gloss Reflective material
2 @ Horizontal round body
2 @ Vertical cross shoulder

Compliance

EN ISO 20471 Class 1 / 2; ANSI/ISEA 10:20-2015

size: M / L / XL / XXL / XXXL

Workvest Fluorescent Yellow	S606SV004FLG
Workvest Fluorescent Orange	S606SV004ORG



FLG



FLORG



MASTER BLACK

SAFETY LEVEL S3 HI CI SRC
STANDARDS EN ISO 20345:2011
ASTM 2413-18 M I/C/SD10/PR



♂	39/48	 FIBERGLASS 240J	 TEXTIL 1 430
S3		 SANITIZED®	 1 620K

COMPOSITION

Upper	Full grain leather water & oil resistant + fore, lateral & back bumpers against shocks + protection of tendons
Lining	Sanitized®: ventilated + antibacterial + abrasion resistant
Toe-cap	Composite (fiberglass)
Footbeds	Removable + antibacterial
Penetration Resistant midsole	Textile (resisting up to 1 430N)
Sole	Extra light PU2D
Net weight/ pair (size 42)	1 620g
Sizes	39-48 / 6-13
Item code	MTAA3
Height	24 cm / 10 inches
Feature	Special Oil & Gas leather : water-resistant leather with anti bacterial treatment

Reinforced padding protection of tendons
Waterproof tongue & gusset
Side zip : easy slip on/off



UNITAN MILLEMETA

SAFETY LEVEL S3 M HI CI SRC
STANDARDS EN ISO 20345:2011



♂	39/48	 FIBERGLASS 240J	 STEEL 1 430N
S3		 MESH-LINING	 1,500KG

COMPOSITION

Upper	Full grain leather water & oil resistant
Lining	Mesh-lining: ventilated + antibacterial + abrasion resistant
Toe-cap	Composite (fiberglass)
Footbeds	Removable + antibacterial
Penetration Resistant midsole	Steel (resisting up to 1 430N)
Sole	Extra light PU2D
Net weight/ pair (size 42)	1 500g
Sizes	39-48 / 9-13
Item code	RUGM3
Height	28 cm
Feature	Metatarsal protection

STORM

SAFETY LEVEL SB P WRU HRO E FO SRC
STANDARDS EN ISO 20345:2011
ASTM F2413-18 M I/C/EH/PR



♂	39/47	 FIBERGLASS 240J	 TEXTILE 1 430N
SRC	SB P	 SANITIZED®	 2,60KG

COMPOSITION

Upper	Full grain leather + front protection
Lining	Sanitized®: antibacterial + abrasion resistant
Toe-cap	Composite (fiberglass)
Footbeds	Removable + antibacterial
Penetration Resistant midsole	Textile (resisting up to 1 430N)
Sole	PU/Nitrile resisting up to 300 °C
Net weight/ pair (size 42)	2 600g
Sizes	39-47 / 6-13
Item code	GPIS3
Focus	Complies with ASTM F2413-18 M I/C/EH/PR Electrical protection up to 18kV / 60 Hz during 1mn Safety shoes insulating for electrical works under voltage Insulating textile innersole

MASTER MILLEMETA

SAFETY LEVEL S3 M HI CI SRC
STANDARDS EN ISO 20345:2011
ASTM 2413-18 M I/C/SD10/PR



♂	39/48	 FIBERGLASS 240J	 STEEL 1 430N
S3		 MESH-LINING	 1,620KG

COMPOSITION

Upper	Full grain leather water & oil resistant + fore, lateral & back bumpers against shocks
Lining	Sanitized®: ventilated + antibacterial + abrasion resistant
Toe-cap	Composite (fiberglass)
Footbeds	Removable + antibacterial
Penetration Resistant midsole	Steel (resisting up to 1 430N)
Sole	Extra light PU2D
Net weight/ pair (size 42)	1 620g
Sizes	39-48 / 6-13
Item code	MTNM3
Height	24 cm / 10 inches
Feature	Special Oil & Gas leather + Metatarsal protection

Lock-Out Guide

Thousands of work accidents occur while repairing or servicing industrial equipment. Most of those accidents are due to energy sources that have not been isolated or neutralized. Therefore, identification of the equipment's potential hazard is essential for a successful safety procedure.

OSHA Standards: The Occupational Safety & Health Administration USA

Many International Companies have adopted OSHA standards to control Lock-out Procedures. All Master Lock products are OSHA compliant [OSHA Standard 1910.147 relates to Lock-out / Tag-out & The Control of Hazardous Energy]

4 Key points of the OSHA Lock-out Standard are:

- must be identifiable
- shall only be used for controlling energy
- shall not be used for other purposes
- shall meet the following requirements

7 Golden Steps



COORDINATION



SEPARATION



LOCK-OUT



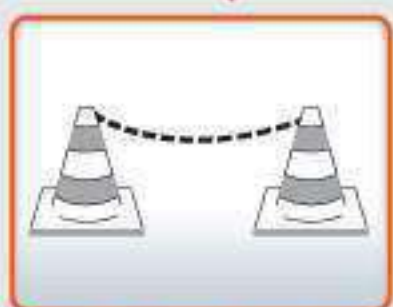
VERIFICATION



NOTIFICATION



IMMOBILISATION



ROAD MARKING

6 Energy Sources Which Required Isolation



Electricity



Hydraulic Pressure



Compressed Air



Gas



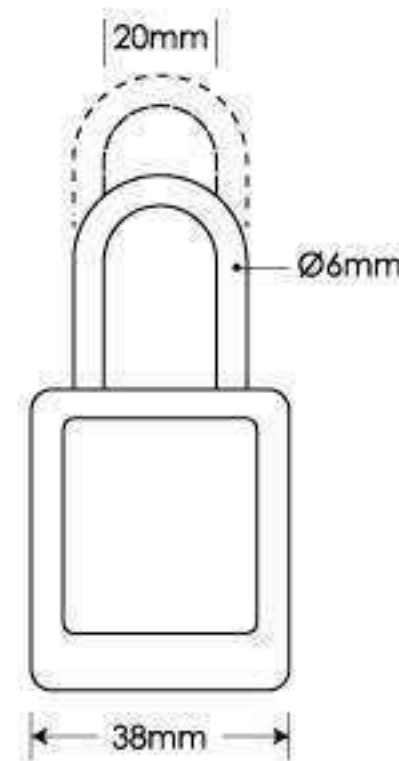
Steam



All Types of Fluids

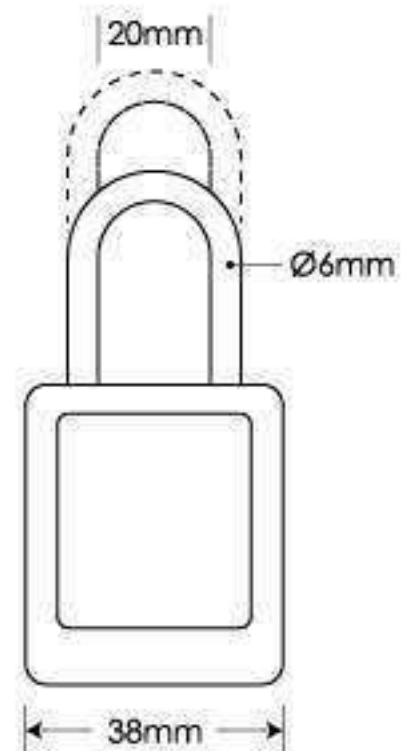
Master Lock

Safety Padlocks



406 Dielectric Zenex Thermoplastic Padlock

Padlock features a 1-1/2in (38mm) wide Zenex™ Thermoplastic body and a 1-1/2in (38mm) tall, 1/4in (6mm) diameter plastic shackle to help prevent electrocution and arc flashing and to prevent electrical current from shackle to key. All components are non-sparking and non-magnetic. Designed exclusively for Lockout/Tagout applications, the durable, lightweight material is easy to carry and padlock has key retaining cylinder to ensure the padlock is not left unlocked.



410 Zenex Thermoplastic Padlock

Padlock features a 1-1/2in (38mm) wide plastic body and a 1-1/2in (38mm) tall, 1/4in (6mm) diameter metal shackle. Designed exclusively for Lockout/Tagout applications, the durable, lightweight, non-conductive lock body is easy to carry and padlock features high security, reserved-for-safety cylinder with key retaining, to ensure padlock is not left unlocked.

Master Lock

Lockout Station



S1850 Lock-out Station (Unfilled)

Features durable construction to ensure long life in manufacturing facilities and covered compartments to protect devices and keep out dust and grime. Unit is lockable for security. Use a combination padlock to limit access to authorized employees.

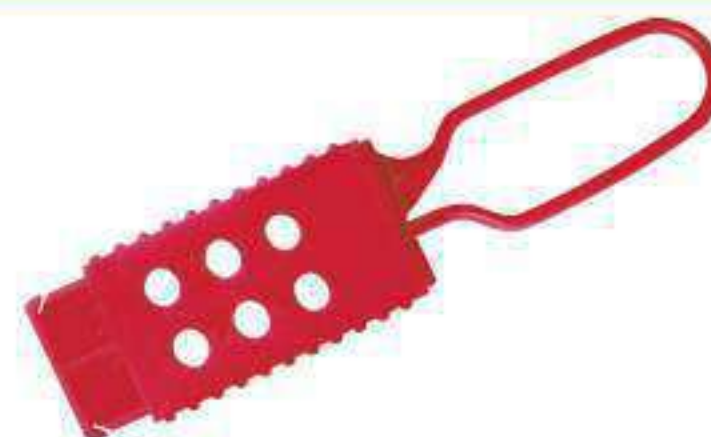
- 596mm x 393mm x 114mm
- 8 hanger clips holds 2 padlocks or lockout hasps each.
- Holes provided along bottom for optional peg hook hangers to hang bulky devices

**Master
Lock.****Hasps****416 Lock-out Hasps**

Aluminium Body/ Vinyl Coated / Spark Resistant / Hold 6 Padlocks With Shackles Up To 6.35mm Dia.

**420 Lock-out Hasps**

Steel Lock-out Hasp / Vinyl Coated / Hold 6 Padlocks With Shackles Up To 6.35mm Dia.

**428 Lock-out Hasps (Die-electric)**

Nylon Composite Body/ Non Conductive / Spark Resistant / Hold 6 Padlocks With Shackles Up To 6.35mm Dia.

**Master
Lock.****Circuit Breaker****S2394 Miniature Circuit Breaker Lockout, Tool Free Universal Fit**

Device locks virtually all miniature ISO/DIN pin-out circuit breakers throughout the world. The patented device features a thumb turn dial screw for easy attachment, no tools required. Device attaches to circuit breaker and makes dial inaccessible in the locked position to prevent removal. Padlock can be applied horizontally or vertically, and design allows device to be mounted side-by-side on adjacent breakers.

**493B Grip Tight Circuit Breaker**

Device fits standard height and tie-bar toggles typically found on 120 and 240 volt breakers. The innovative patented Grip Tight™ design effectively locks out circuit breakers with a simple thumb turn and then close clamping handle for a tight grip on the toggle.

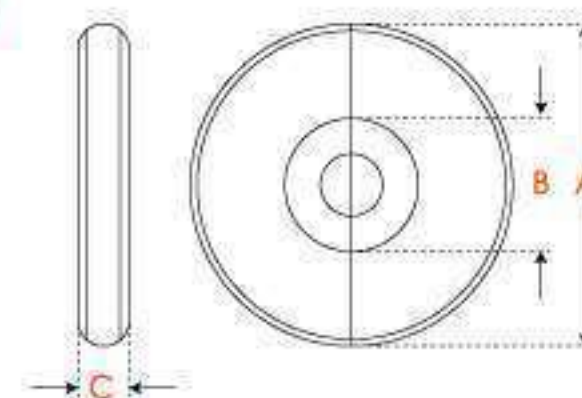
**491B Grip Tight Circuit Breaker**

Device fits wide or tall breaker toggles typically found on hi-voltage/hi-amperage breakers. The innovative patented Grip Tight™ design effectively locks out circuit breakers with a simple thumb turn and then close clamping handle for a tight grip on the toggle.

**Master
Lock.****Group Lockout****503RED Latch Tight™ Red Group Lock Box, Wall-Mount @ Portable**

Accepts 14 padlocks or lockout hasps and can be mounted to the wall or carried from job to job. Lock box holds hundreds of keys and includes organized storage for 12 keys in back of box. Also features an exclusive, patented Latch Tight™ locking mechanism that prevents keys from being accessed until the last padlock or hasp is removed from the box.

- Durable powder-coated red finish with stainless steel handle
- Integrated storage organizes up to 12 keys or hundred of bulk keys
- Up to 14 workers can apply their personal safety padlock or lockout hasp

**Master
Lock.****Valve Lockout****485 Rotating Gate Valve Lockout, Set of All 5**

Device combo pack includes a set of five lockouts - 480, 481, 482, 483, 484. These gate valve lockout devices feature outward/inward rotation to allow for easier installation and storage and the body surrounds the valve operating handle to protect against accidental valve opening. The unique, patented rotating design allows for easier installation in confined space applications. Tough, lightweight, dielectric Zenez™ Thermoplastic body withstands chemicals and performs effectively in extreme conditions. Includes high-visibility permanent safety labels.

**Master
Lock.****Cable Lockout****S2394 Miniature Circuit Breaker Lockout, Tool Free Universal Fit**

Device locks virtually all miniature ISO/DIN pin-out circuit breakers throughout the world. The patented device features a thumb turn dial screw for easy attachment, no tools required. Device attaches to circuit breaker and makes dial inaccessible in the locked position to prevent removal. Padlock can be applied horizontally or vertically, and design allows device to be mounted side-by-side on adjacent breakers.

		A	B	C
480	Gate valve lock-out	76	15	28
481	Gate valve lock-out	127	38	39
482	Gate valve lock-out	170	64	48
483	Gate valve lock-out	254	90	62
484	Gate valve lock-out	335	95	68
485	Set of 5 gate valves lock out 480~484			
53910	Gas cylinder lock-out	75	37	30



SIGNS MARKING SOLUTIONS



Main Entrance Signs

SIZE & MATERIAL	
Size:	Material:
S 45 1200mm x 770mm	M 05 THK 1.0mm High-Impact PVC
	M 10 THK 3.0 Aluminium Composite

This series of signs are highly recommended to be placed at main entrance of factory or construction site. Standard base material commonly used is thick 3.00MM Aluminum Composite (refer to our material specification page for details) and laminate with computer plot graphic vinyl films. Customers are advised to inform our sales personnel should frame support or post attached fixture is required.

Keselamatan Tapak
Site Safety

Untuk semua pekerja dan pelawat, anda dikehendaki melaporkan diri pada pejabat pembinaan untuk dapatkan ansur-ansur keselamatan ditapak pembinaan ini.
All workers and contractors must report to site office to receive safety information and rules regarding this site.

Pembinaan sedang dijalankan
Construction work in progress

Dilarang masuk tanpa kebenaran
Unauthorised entry to this site is strictly forbidden

Topi keselamatan dan kasut keselamatan mesti dipakai di kawasan ini
Head protection and safety boots must be worn on this site

PERATURAN MANDATORI
Anda Sedang Memasuki Zon Pengawasan Keselamatan

ARAHAN-ARAHAN BERIKUT MESTI DIPATUHI SEMASA BERADA DI DALAM KAWASAN INI

PELAWAT-PELAWAT MESTI

- 1) Melaporkan diri di pondok pengawal keselamatan.
- 2) Menyediakan sementara sebarang dokumen pengenalan diri kepada pengawal keselamatan.
- 3) Mendapatkan PAS keselamatan dan sentiasa memakainya.
- 4) Menyediakan balik PAS keselamatan yang dikeluarkan dan mendapatkan semula dokumen pengenalan diri sebelum meninggalkan kawasan ini.

SEMUA KAKITANGAN MESTI

- 1) Melaporkan diri di pondok pengawal keselamatan.
- 2) Sentiasa memakai PAS keselamatan yang ditetapkan.

SEMUA ARAHAN KESELAMATAN YANG DITETAPKAN MESTI SENTIASA DIPATUHI SETIAP WAKTU

WARNING TO PUBLIC
THIS BUILDING SITE IS PRIVATE PROPERTY.

Dilarang masuk

No admittance

Liability will not be accepted by the builder for any injury sustained by trespassers.

KAWASAN LARANGAN
RESTRICTED AREA

DILARANG MASUK TANPA KEBENARAN
NO ADMITTANCE TO UNAUTHORIZED PERSONS

閑人免進

Safety Statistic Signs

SIZE & MATERIAL	
Size:	Material:
S 45 1200mm x 770mm	M 05 THK 1.0mm High-Impact PVC
S 77 1800mm x 1200mm	M 10 THK 3.0 Aluminium Composite
S 51 1200mm x 1200mm	

Signlab
SDN BHD

THIS PLANT HAS WORK
2737 HOURS
WITHOUT LOST TIME ACCIDENT

THE BEST PREVIOUS RECORD WAS
228 DAYS

**DO YOUR PART
HELP MAKE A NEW RECORD**

S015 S 51

**MAKE SAFETY
A TEAM GOAL!**

**Accident
FREE**

DAYS

Signlab
SDN BHD

S032 S 51

Signlab
SDN BHD

**MAKE SAFETY
A TEAM GOAL**

**ACCIDENT
FREE!**

**STATISTIK KESELAMATAN
KEMASKINI PADA**

SAFETY STATISTIC
UPDATED AS AT

TARIKH AKHIR KES
LTI DEREKODKAN
LAST DATE OF LTI CASES RECORDED

KUMULATIF
JAN BEKERJA
CUMULATIVE MAN-HOURS

BILANGAN KEJADIAN
TERKUMPUL
CUMULATIVE NO. OF CASES

TARIKH TERAKHIR
PENILAIAN
LAST ASSESSMENT DATE

S057 S 77

**STATISTIK
KESELAMATAN
SAFETY STATISTIC**

SEPTEMBER 2010

Number Of First Aid Injuries
0 0 2 7 TIMES

Number Of Lost Time Injuries
0 0 4 8 TIMES

Record Lost Time Accident Free Days
0 2 7 3 DAYS

Days Since Last Lost Time Accident
0 2 7 3 DAYS

S029 S 45

Traffic Management Products



Speed Control RubberHump

10Km/h Control Rating. (by 45mm Height)
Any length of ramp can be formed.
Quickly installed and relocatable.
Fixing bolts included with all ramp sections.



Wheel Stopper

Good energy absorption from vehicle impact.
Protecting the anchor bolts from the impact.
Durable and can withstand all weather conditions.
Reflector is installed for early signal at night vision.



Wheel Chock

Nonslip surface provides superior traction.
Oil resistant, lightweight.
Rubber traction pad.
Molded grip handle for easy positioning.



BayDefender

Heavy duty extruded or moulded profiles to withstand the impact and load of the loading and unloading vehicles. It protect the wall from damages and cracks. The impact level of these bumpers are very high. High density compounds to withstand resistance, deflection on impact and heavy impact.



Column / Wall Defender

Protect walls and round section columns. Is a high impact resistance natural rubber profile and can be fixed horizontally or vertically onto flat or curved surfaces. Standard colour is black. It can be supplied as per customer specification and could be manufactured to a maximum length of 3 meters.



Corner Guard

Products is designed to protect the edges of columns in structures.



CarClampBoy

Construct by heavy duty mild steel.
- Powder coat finishing (Yellow).
- Wheel clamp size range from 13" ~ 17"
- c/w 2 syndetic durable wheel for easy mobilised



Convex Mirror

Extreme Weather Condition, Tough, Unbreakable, Impact Resistant, Durable. Reduce Cost in Long Term, Long Lasting Shine, Virtually maintenance free.



Full Dome Mirror (Ceiling Type)

Acrylic (PMMA) for Standard
4 way interactions, 360 degree viewing area.
An excellent way to prevent accidents at blind corners, crossing, entries & exits.

Heavy Duty RubberHump

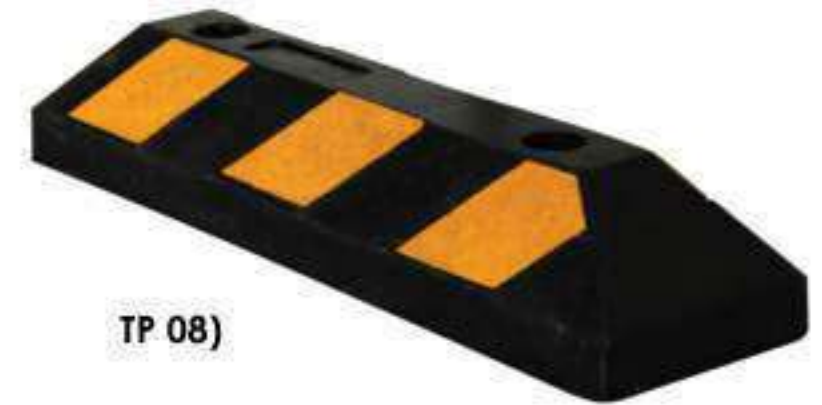
450 (W) x 500 (L) / pcs
Natural Rubber with Test Report

**Composite RubbersHump**

250 (W) x 350 (L) / pcs
Composite Rubber

**Wheel Stopper**

100 (H) x 150 (W) x 550 (L)
Composite Rubber

**Wheel Chock**

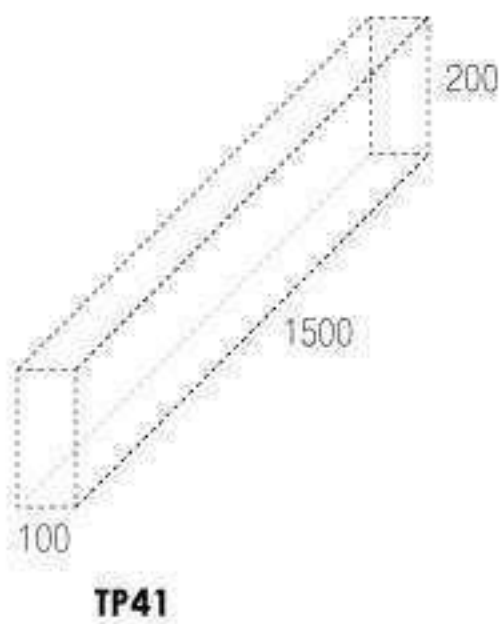
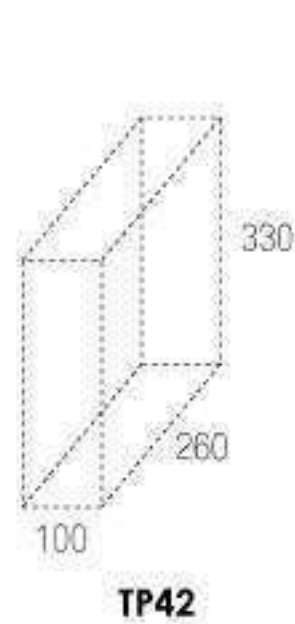
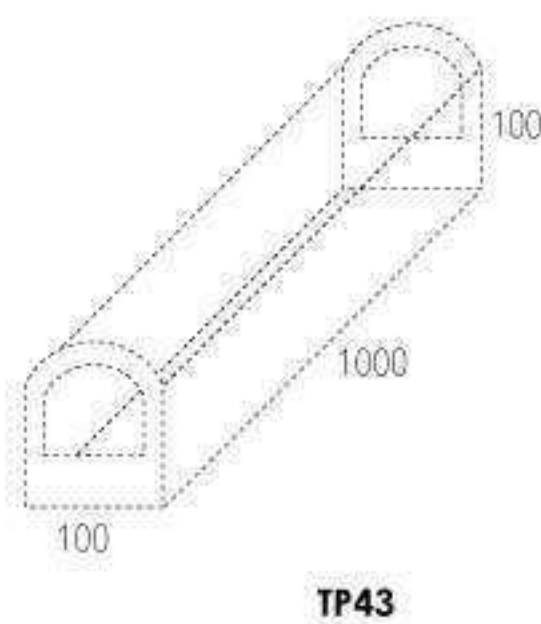
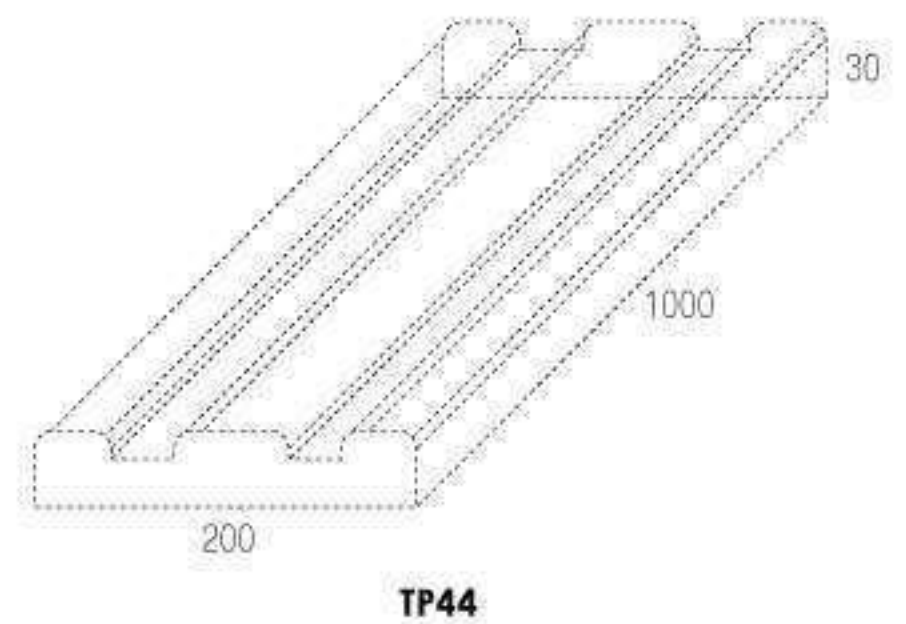
150 (H) x 120 (W) x 250 (L)
Natural Rubber

**Heavy Duty CornerGuard**

THK 8.0mm, 75 x 75 x 1200
Natural Rubber

**Composite CornerGuard**

THK 10.0mm, 100 x 100 x 810
Composite Rubber

**Defender I**
Natural Rubber**Defender II**
Natural Rubber**Defender III**
Natural Rubber**Column/Wall Defender**
Natural Rubber

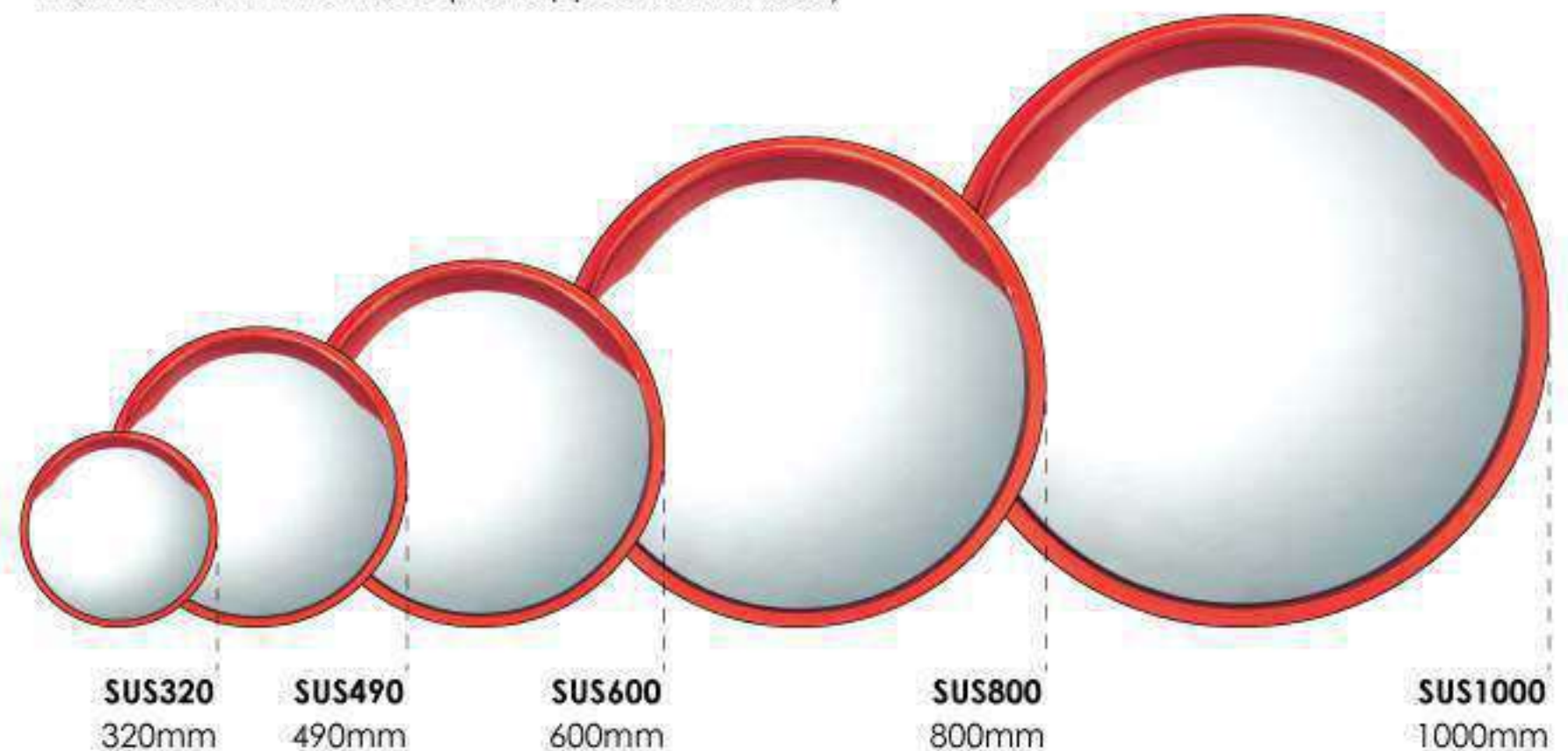
****All Defender specification is as per : Hardness 70 \pm 5° Shore / 10Mpa Tensile Break / 250% Elongation Break / Compliance ASTM D2240

Full Dome Mirror

Lens: Acrylic (PMMA Standard)

**Convex Mirror**

- Mirror Lens: SUS 304
- Mirror Back: SUS430
- Rubber Shade: UV resistance (PC material)
- Protective Ring: UV resistance (PVC material)
- Brackets: 3mm M.S. Plate (Hot dipped Galvanised)



Traffic Management Products



TP30 PVC

PVC Traffic Cone

750mm (H)
Soft PVC Round Cone
Bright Orange UV Resistance.



TP30 PE

PE Traffic Cone

750mm (H)
PE Impact resistance Round Cone
Bright Orange UV Resistance



TP67

Retractable Cone Pole

Closed: 1.3m / Open: 2.2m
Used during roadwork or other
situations requiring traffic barrier.



TP07 PU

TPU Elastic Pole

80mm dia. x 750mm
Reboundability; tensile strength,
impact & tear resistance.



TP07 PE

PE Elastic Pole

80mm dia. x 750mm
Economy type, solid
& impact resistant.



STD025PP

STD028PP

STD030PP

STD031PP

STD036PP

ConvenStand (Indoor Only)

Height - Closed: 630mm / Open: 600mm
Custom message is available upon request



TP71

Foldable Standee (Indoor Only)

80mm dia. x 750mm
Free-standing Standee are available
in different sizes. All message are able
to make to your choice.



TP70

ABS Foldable Standee (Outdoor)

Height 1000mm / Closed 320mm / Open 3800mm
Weight 16Kg
Good to isolate all kind of repair works & hazard area



TP69

Mild Steel Foldable Standee (Outdoor)

Height 1000mm / Closed 320mm / Open 3000mm
Weight 14Kg
Galvanized steel with powder coat finishing.



FL01Y (Yellow) FL01R (Red)

LED Flashing Blinker

Bi-directional lens with reflective edge.
2pcs of 6v Batteries NOT in Supply



**TP57 - 27m/25nos
TP58 - 52m/52nos**

Delineator Reflective Line

The string delineator consist of 25/50 nos reflectors fastened to a polypropylene rope at 1 metre interval. Fluorescent colours provide better daytime visibility.



BMOR50M

Barrier Mesh

1m x 50m, Extruded PE material with high visibilities fluprecent orange colour. Weight is approx. 6Kg per roll.



TP53

LED Solar Multi Signal Panel

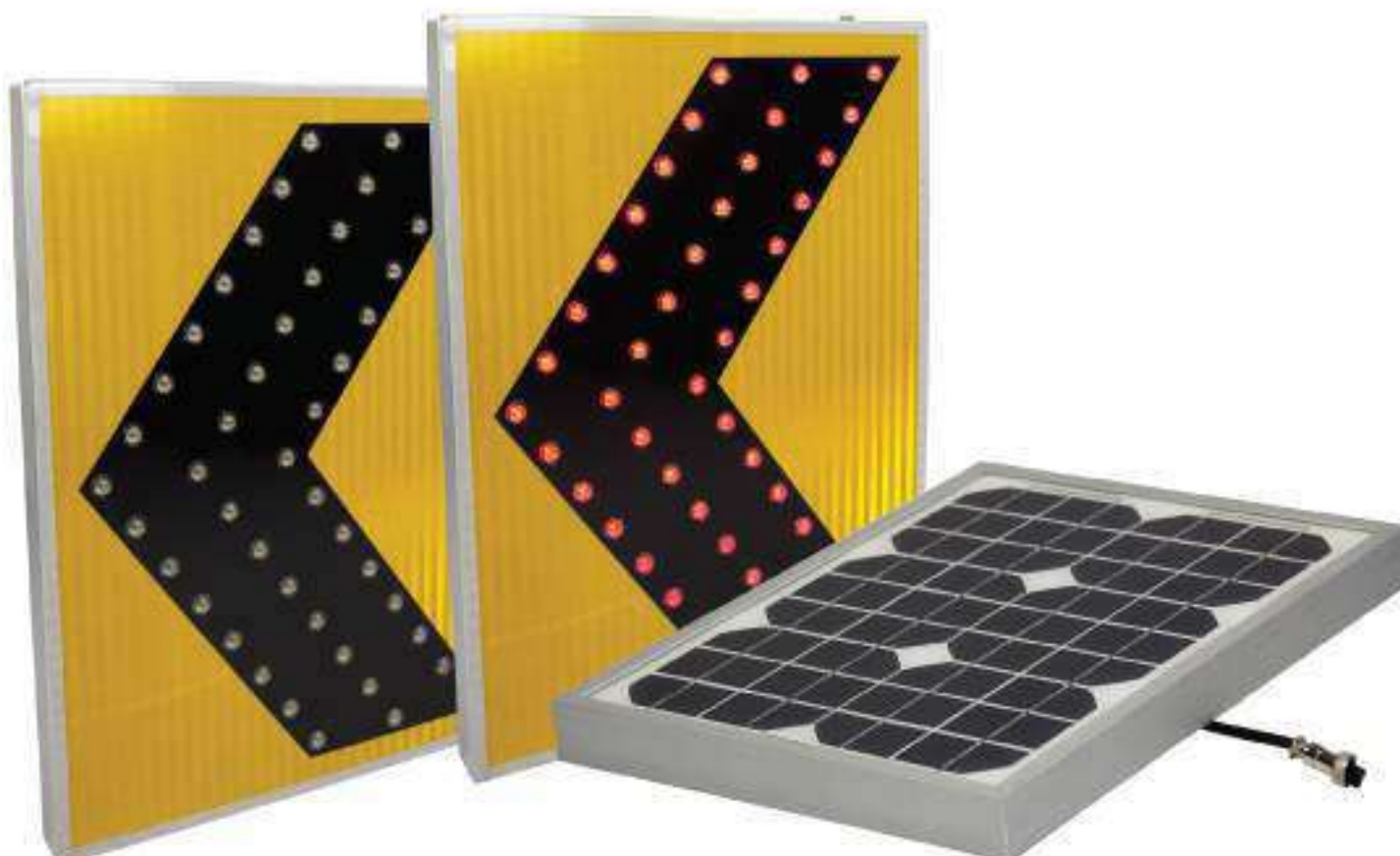
1520 x 640 x 150mm
Continuous 200 working hours
Control distance at > 800m



TP55

LED Solar Traffic Light

300mm dia.
40 Times / mins frequency
Control distance at > 800m



TP54

LED Solar Chevron

800 x 600mm
High Intensity Prismatic Yellow Background
Ajustable flashing speed frequency



TP68

LED Solar / Batteries Driven TrafficMan

7ft Height
High Intensity Prismatic Yellow Background
Ajustable flashing speed frequency



SafetyLab Sdn Bhd (973063-K)

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