



White paper on portable barrier systems

Today's stringent safety regulations require most companies to operate a 'permit to work' system. A key part of this system is portable safety barriers that are deployed on a daily basis throughout the work site by maintenance technicians contractors and operators. Safety audits are regularly carried out to ensure that all the correct safety procedures are in place. This includes permits to work, signs and barriers. A mixture of barrier types can be employed on one site and may cause problems with compatibility, ease of use, ownership, safety and general tidiness.

The W-A-S-P (Work Area Safety Pack) has been specifically designed as a compact alternative to chain, tape, rope and elastic barriers etc. Providing operators and maintenance technicians with an efficient means of erecting a tough, tensioned, re-useable and visible barrier system.



It's a self contained portable toolkit that restricts access quickly and efficiently allowing work to be carried out in accordance with a permit to work system. It can fit in your back pocket or toolbox.

Plastic chain is bulky to store and awkward to carry. It is often tied or taped to anchor points if there are no joining links available and parts get left after use.

Barrier tape is flimsy, cannot support the weight of a barrier sign board and snaps easily in high winds. Often it is not removed completely, leaving snapped off ends still attached to handrails and pipes.

Braided rope is bulky to store, heavy and awkward to carry. It is often discarded and left in piles on the floor around the work site. It has to be tied on to anchor points, is difficult to tension, discolours easily, absorbs oil and water and is often misused as load bearing rope.

Elastic barriers stretch in the wind and tend to hang down with the weight of the sign board.

Retractable barriers have to be fixed mechanically and can rust quickly in a salt atmosphere.

Barrier sign boards are generally re-usable dry marker boards. Dry marking ink can be rubbed off accidentally; therefore permanent markers are frequently used. The boards have to be cleaned after each task with a chemical solvent otherwise they will have misleading information permanently etched onto them. Old discarded boards litter the work site and can break if blown around during high winds.

The standard W-A-S-P pack comprises of a waterproof permit / sign holder, laminated warning information signs, marker pen, key holder and heavy duty 48 mm barrier webbing with buckles, in a compact roll up pack. The webbing can be adjusted down to half length and is secured and tensioned around vertical supports such as handrails and scaffolding. The barrier is wrapped around the permit holder when not in use. Extra webbing kits can be used to extend the length without loose parts.



The W-A-S-P Pack is;
Reusable Waterproof Portable Quick & Easy to assemble
Compact Durable Extendable Lightweight

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Product Information

The standard barrier webbing colour is white / red denoting a temporary hazard. Yellow / black denotes a permanent hazard and is available to special order.

Standard kits complete

Includes 48mm red / white barrier webbing with buckles, permit / sign wallet, black pen, key holder and warning signs.

- Wasp009 Standard pack with 6 metres of barrier webbing
- Wasp001 Standard pack with 4 metres of barrier webbing
- Wasp002 Standard pack with 2 metres of barrier webbing

Standard kit components available separately

- Wasp003 Permit wallet
- Wasp011 12 metre barrier webbing with buckles
- Wasp010 6 metre barrier webbing with buckles
- Wasp004 4 metre barrier webbing with buckles
- Wasp005 2 metre barrier webbing with buckles
- Wasp006 Black marker pen
- Wasp007 Warning signs (various)

Additional to the standard kit

- Wasp008 2 off 90 degree rotation straps.
- Non standard lengths of webbing available on request.

Improvements to specification may be made without notice.

W-A-S-P Barrier Operating Instructions

- 1/ Unroll wallet, attach isolation key if required.
Open Velcro seal at base of wallet & remove both warning signs
Use the marker pen to fill out the relevant information on the front sign.
- 2/ Put the permit documents between both signs and place inside the wallet.
Roll up from top to bottom and place in toolbox until required.
- 3/ When ready unroll the wallet and open the top flap. Unwrap the barrier webbing.
Close the top flap making sure the barrier webbing is in its holder.
- 4/ Open the buckles by squeezing the release buttons and loop the buckles around vertical anchor points i.e. handrails or scaffold tubes and snap buckles shut.
- 5/ Adjust tape to length by sliding the buckles along the strap, pulling until fully tensioned.
- 6/ After use, rewind webbing onto wallet and roll up ready for next time.

Note. The barrier is not designed to be used as a personnel restraint or support.



48mm webbing



(webbing is adjustable to approximately half length)



Printable standard barrier signs are available to download on the web site.



*Safety is **NO ACCIDENT!***

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