

opal contracts  
innovative elegant dependable

Olympian  
anti-ligature



# Olympian anti-ligature



## Application

Certain areas have been identified as environments where persons are at greatest risk of self-harm: mental health hospitals (including psychiatric wards in general hospitals); and prisons and detention centres. In these areas the incidence of self-harm by ligature has been a serious cause of concern. The Magnetic Suspension System provides a highly effective means of greatly reducing this risk. Its load-release brackets are discreet and attractive, and the system is in use in psychiatric institutions and prisons throughout the UK.

The patented system is simple and extremely effective. It will securely hold a range of items by powerful short-range magnetic attraction

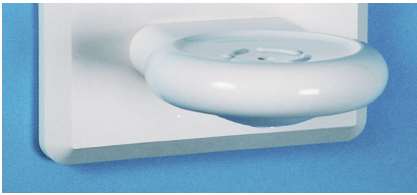
When an abnormal load is applied the magnetic force is overcome and releases its load. And it can do this time after time. There will be no decline in performance, and as there is no mechanical restraint at all, nothing can jam, break or wear out. After an incident, all that is required is for the suspended item to be held immediately below the magnetic bracket or brackets. The magnetic force will then raise the item and click it into its correct position.

We have an ongoing commitment to quality and innovation, and new or improved applications are continually being researched. Further anti-ligature items are currently being developed, and our designers are happy to discuss any specific client requirements.



## Toilet roll holder

A lightweight holder manufactured from white plastic, and including a mounting plate and 1 bracket.



## Soap dish

A lightweight soap dish manufactured from white plastic, and including a mounting plate and 1 bracket.



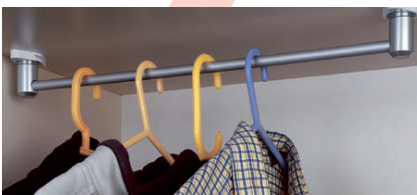
## Rail Hook Set

The economical answer to any load-release multiple hook requirement. The strong ABS hooks will slide on the rail for ease of positioning, and hang freely to ensure that the centre of gravity of the load remains central.



## Towel Rail

Due to the pleasing lines of the wall-fix brackets the Kestrel load-release towel rail looks smart and functional. But apply an abnormal load and it will part - promptly, efficiently and without damage. Available in two versions: with silver anodised aluminium rail, or clear polycarbonate rail.



## Wardrobe Rails

Numerous self-harm incidents reported involving fixed wardrobe rails, so any risk assessment should include a serious appraisal of this possibility. Our load release wardrobe rail provides the solution by suspending a lightweight aluminium rail from magnetic top-fix brackets. Under excess load the rail and its holders will part from the brackets. Polycarbonate rail in place of aluminium reduces capacity but poses less of a weapons risk in violent situations. The overall width of the standard unit is 500mm but longer rails are available using intermediate brackets and holders.

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## Shower Head Holder

Widely requested by hospital staff, the magnetic shower head holder eliminates another potential ligature point in a location where patients would often be left unattended. Includes mounting plate and 1 bracket.



## Mounting Plates

Many items may be converted to anti-ligature status by mounting them on magnetic mounting plates. Available in three sizes, the plates are held vertically against the wall solely by the magnetic attraction of the brackets hidden behind them.

100 x 170mm, with 1 bracket. Suitable for toilet roll holders, etc.  
190 x 335mm, with 2 brackets. Suitable for soap dispensers, etc.  
370 x 470mm, with 2 brackets. Suitable for towel dispensers, etc.



## Soap dispenser

Satin stainless steel soap dispenser with a mounting plate and 2 brackets.



## Coat Hook

Developed in response to repeated requests from hospital staff, the coat hook is the answer to what seemed an intractable problem. A hook was needed that was as strong as a standard coat hook in normal use, yet would give NO point of ligature. The coat hook is in two parts which perfectly complement each other, with the hook simply parting from its bracket under abnormal load.

The detachable hook of this unit is manufactured from pliable material. Although its loading is reduced it has the advantage of being unusable as a weapon.

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