



AirDeck®
AirDeck® FR
AirDeck® FR/AS

SOFT LANDING:
A FALL ARREST SYSTEM
COMBINING SAFETY
VERSATILITY & EASE OF USE



SAYFA
SYSTEMS UK



SOFT LANDING - FULLY
TESTED AND COMPLIANT
WITH PAS 59:2014



INFLATABLE TO SAVE TRANSPORT AND STORAGE COSTS

AirDeck is a versatile fall-arrest system which offers protection up to 3.25metres above ground-level in any working situation where there is a risk of personal injury from a fall.

The system is designed to be cheap and easy to transport, to occupy the minimum of space whilst stored and yet rapid to deploy and effective in use.

ROBUST DESIGN

AirDeck consists of a tough and flexible PVC liner which is protected by a woven polypropylene outer with a double layer on the top to protect it from falling objects. The liner is formulated to function down to minus 20oc and as high as 50oc. The valve is two part with a non-return flap to enable easy inflation and a leak-proof screw cap and seal to ensure pressure is maintained.

The outer has a large flap at one end and an overlapping flap at the other to enable easy insertion and adjustment of the liner position.

VERSATILE IN USE

Light, portable and tough, the bags are easy to move and easy to lay. If being used in a constrained space such as in construction, particularly housebuilding, only top clips are required.

If the bags are being used in a non-constrained space, both top and bottom clips would be used to provide a complete self-contained AirDeck mattress.

INFLATION

In use each unit takes no more than 30-40 seconds to inflate using one of our hand held blowers.

These blowers are available as battery, 110v and petrol versions.

The electric versions have specially designed pressure regulators incorporated into the blowers so that the AirDeck cannot be over inflated and will always achieve the optimum pressure for maximum protection.

TOUGH & COMPLIANT

Sayfa AirDeck products are robustly manufactured and – importantly – they comply with HSE requirements for fall-arrest systems. They have also been tested by Trac Global and certified to comply with the PAS59:2014 safety standard.

“a highly-effective, fully-tested, fall-arrest mattress, designed to protect operatives working at up to 3.25 metres above ground level”.





SOFT LANDING - A FALL
ARREST SYSTEM
DESIGNED TO PUT
SAFETY FIRST



AIRDECK FR

The AirDeck FR is a Fire retardant version of the existing AirDeck product.

The outer made from woven polypropylene, is now available with the polymer manufactured with a Fire retardant additive to DIN 4102.

The outer has been tested by the Building Research Establishment here in the UK and in accordance with tests prescribed within EN ISO 11925, the material meets the requirement for $FS \leq 150$ mm.

The liner is made from PVC which in itself is resistant to ignition.



AIRDECK FR AS

The AirDeck FR/AS is a Fire retardant version which is also anti-static. In addition to treating the polymer of the outer with an FR additive, every fifth strand of the woven outer incorporates a conductive carbon impregnated filament.

There are four conductive straps which can be either earthed directly or linked to the next bag and then ultimately earthed.

In this way any static electricity generated within the AirDeck unit will be dissipated reducing the risk of static electricity sparks in areas of high risk.

The outer has been manufactured to meet the standards of a Type C conductive FIBC (Flexible Intermediate Bulk Container).



All Type C conductive FIBC's are individually tested during production by checking the resistance level with an analogue insulation tester as the picture shows.

To be classed as a compliant conductive bag the resistance should be less than 10M ohm. The current sample being tested indicates just over 1M ohm.





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