



National Grid (Spacer) Bag

Developed to carry large heavy objects whilst securely suspended at height from an access trolley platform. National Grid required an extremely strong structural bag that can cope with the harsh demands of field use. Specifically made with serious over-capacity built into the bag design, allowing provision for usage wear and environmental weakening from and UV degradation through its life in service. The design maximises weight distribution through a dual loading system. The primary system transfers the static weight across the top of the bag via a Dyneema chain and heavy duty bar, which passed the load internally into the bag via a heavily reinforced area. The secondary system independently takes the load from webbing lift point, feeding the load forces around the outside of the bag via the webbing harness. These systems are engineered to be loaded constantly in parallel, effectively sharing the weight in tandem. However should one system become compromised the other system provides back-up security, making the configuration totally safe and massively over engineered for the bag rating.

FEATURES

The bag comes with an optimised lifting point allowing the fully loaded bag to be raised or lowered at height safely, making it suitable to be lifted into place with or without the trolley

Strong versatile rail securing system, allows simple rail tethering regardless of diameter, via the strap securing system, while insuring connectors major axis (gate) is correctly aligned for maximum strength

Bag opening is additionally reinforced with a webbing ring transferring localised loading around the whole top to disperse spacer weight

The securing Dyneema lanyard provides 3x positions of adjustment for load security, accommodating variable Spacer capacity

The body is made from dual layers of heavy duty PVC and structural mesh (synthetic woven multi-braid fabric encapsulated in a plastic coating), optimised further with heavy structural sewing, corner protection, multiple battens, PVC binding, 3x Aluminium black double action snap hooks, making the bag very high quality and virtually indestructible

The bag has a lifting SWL of: 35kgs (Rated using LOLER's recommended 8 x safety factors)

4 x internal structural 'D' ring anchorage points for tool tethering, individually rated up to 5kgs (Dynamically tested - see 'testing pages' for more info)

The bag shape and finish is ergonomically optimised for load efficiency and spacer storage

Individually serialised for clear easy inspection, full traceability and control Issued with a 'Declaration of Conformity' product certificate and 'Final Inspection' sheet

Total Height: 60cm (Opening Height: 48cm) / Depth: 30cm (Opening Depth: 15cm to 35cm Maximum i.e. 3x Spacers) / Width: 70cm / Volume: 100L / Weight: 3kgs

Manufactured at our height safety product factory in the UK



Code	Name	Description
NGRIDSPACER	Spacer Bag	National Grid overhead lines trolley spacer bag