

NEANN NIEJ Immobilisation & Extraction Jacket

Manufacturer's Approved Uses

The Following are Approved Uses of the NIEJ.

Before use, persons using the NIEJ must undertake a proper training program as stated in the 'Training With The NIEJ' page.

Lifting Device

The term "Lifting" is limited to manually carrying the patient by rescuers, and short distance vertical non dynamic patient lifts to a maximum of 2m only.

The safe working load of the NIEJ is 130 kg. As all plastic side release buckles on CEDs are not rated for weight bearing by the manufacturers of such buckles, it is estimated that each side release buckle has a 65 kg non dynamic (static) load bearing limit.

Whilst other CED manufactures may quote higher safe working loads, this is based on the stitching strength and not the weakest point of the CED which is the plastic side release buckle, and is therefore potentially misleading to the customer.

The stitching strength and webbing design of the NIEJ is well in excess of other CEDs on the market, but the plastic side release buckles are this weight limiting factor in all CEDs.





With the NIEJ using two groin straps secured by plastic side release buckles, the safe working load of the NIEJ and all other CEDs can only be rated to a safe working load of 130 kg.

Lifts using the "handles only" should be limited to simplified controlled lifts to a maximum height of 2m as specified in the Australian Standards - Prevention Of Falls 2007.

For technical rescue situations requiring vertical lifts above the 2 m as specified in the Australian Standards - Prevention Of Falls 2007, it is recommended that a twin rope system be used for such rescues with a second harness over the NIEJ that complies with the Australian Standard - Harness and Lifelines 1891.1.

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<p><u>Cervical Splint</u></p>	
<p><u>Fractured Pelvic Splint</u></p>	
<p><u>Fractured NOF Splint</u></p>	
<p><u>Fractured Extremity Splint</u></p>	
<p><u>Paediatric Full Spine Immobiliser</u></p>	