

MATERIAL AID

Provided by **Global Relief Aid**

Backpack Bed™

47 Standards - Lab tested fire retardant fabric + built-in fire retardant mattress

"I wish Sri Lanka had the Backpack Bed during both the Tsunami disaster and after war conflicts." Roshan Edirisinghe, U.N. Award Recipient (Sri Lankan President's Office)



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Setup *For rapid deployment disaster aid relief*



Place Backpack Bed™ in a dry flat safe area - open top flap, loosen drawstring and rollout.



Make an A-frame

Use built-in ropes (head and foot ends) and secure to tree / fence / bench.



Make a Shelter

Open up side zip fully and tie ropes to secure objects. Optional - unclip and open out mattress cover.

Weather Conditions



Hot Weather

Unzip foot and overhead ventilation. Make an A-frame and use Wind Clips for improved air flow. Make a Shelter during the day for shade.

Rain

Make an A-frame. Ensure all vents are fully zipped and closed. Ensure flaps on overhead vent are correctly covering the water resistant zip. Use wind clips.



Wind Clips

Use corner press studs on top fabric and attach to outer corner studs on bag. May be used in A-frame and rainy conditions.



Lockable Pocket
(inside backpack)
with padlock and key.



2 x Carabiner Clips
(front of backpack)
can be used to hang
other smaller bags.



3 x External Pockets



Padded Backpack
Straps can be adjusted
for comfort.

Features

- ✓ Keep shoes and belongings in the empty Backpack while sleeping
- ✓ Store a blanket or extra clothes in the bedding area prior to rolling into the backpack
- ✓ Unclip mosquito mesh at head end and unzip vents for mosquito protected air flow

The Backpack Bed can easily be erected to operate as a discrete sleeping module and then rolled up into a light weight backpack that also has sufficient room for storing clothing and personal belongings.

As a shelter

- ✓ 6ft 2" / 190cm long built-in silver insulated mattress (fire retardant + anti-mildew)
- ✓ Waterproof (lab tested to international standard AATCC 127)
- ✓ Windproof (lab tested to international standard ASTM E:96)
- ✓ Fire retardant fabric (lab tested to international standard CPAI-84)
- ✓ Anti-mildew
- ✓ 3 mosquito mesh vents (head + foot + chest)

As a backpack

- ✓ Portability with dignity - looks like a Backpack rolls into a bed
- ✓ Built-in storage pockets - carry 66lb / 30kg personal belongings
- ✓ Lockable internal pocket (with supplied key lock)
- ✓ Approx 6.4lb / 2.48kg net weight (inc mattress)

Rapid Response

- ✓ Disaster Relief
- ✓ Material Aid
- ✓ First on site

Deployment

- ✓ Add ration 3 or 7 day pack
- ✓ Add medical + hygiene pack
- ✓ Add sleeping bag or blanket
- ✓ Customise colour and branding

Global Product Design Winner



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powerhouse museum
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Australian
International
Design Award
2011

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