LANCO
TentTech · DeconTech · FlexTank

Hybrid Inflatable Exoskeleton Frame INX 450

Product Images

Short Description

INX shelters offer the best of both worlds: they are installed as quickly as inflatable shelters and are as robust as exoskeleton ones.

Description

Shelter skin

The shelter skin is made of double-sided PVC-coated polyester fabric (22 oz/yd^2) that is flame-retardant, waterproof, and mildew-resistant. The ground sheet of double-sided PVC-coated polyester fabric (22 oz/yd^2) is also available with anti-slip embossing as an option (25 oz/yd^2).

The INX series shelters have undergone extensive testing and include rugged, reliable materials to hold up even under the toughest conditions. They can withstand snow loads of 10 lb/ft^2 with the exoskeleton (4 lb/ft^2 with the inflatable structure alone) and steady winds of 62 mph or 74 mph in gusts.

Structure

The exoskeleton frame is made of specially designed anodized aluminum profiles, while the connectors consist of die-cast aluminum. The poles slide along the guiding rails and are secured into position by means of an innovative safe-locking system. The inflatable main beams and ridge beams are made of airtight double-sided PVC-coated polyester fabric (32 oz/yd^2), fixed to the shelter skin and floor. The eave purlins are inflatable, and a pressure relief valve prevents excessive pressure in the frame.

Options and accessories

- Inner liner
- Sunroof
- Partition walls
- Protection ground-sheet
- Additional side entrance
- Entrance module
- Connection module shelter to shelter, shelter to vehicle/container
- Hard plastic flooring
- Electric blower
- Automatic pressure maintenance system
- Lighting
- Power distributor/switchboards
- Air conditioning, heating
- Lettering/branding

Additional Information

Application area	Search and rescue, Triage, Field Hospitals, First Aid Posts, Military, Fire department, rescue service and aid organizations
Side wall style	vertical
Base area	484.40 ft²
Width	18.40 ft
Length	23.70 ft
Eaves height	7.40 ft
Ridge height	9.20 ft
Frame eaves height	7.20 ft
Frame ridge height	10.00 ft