



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/yd²) that is flame retardant, waterproof and mildew resistant. The ground sheet of double-sided PVC coated polyester fabric (22 oz/yd²) is also available with anti-slip embossing as an option (25 oz/yd²).

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/ft² - with exoskeleton (4 lb/ft² 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/yd²), 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
- Sunshade
- Partition walls
- Protection groundsheet
- 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 distribution
- Air conditioning, heating
- Lettering/branding

Additional Information

Application area	Military
Side wall style	vertical
Base area	484.38 ft ²
Width	19.52 ft
Length	23.72 ft
Eaves height	7.21 ft
Ridge height	9.19 ft
Frame eaves height	7.38 ft
Frame ridge height	10.00 ft