AZM 8-4 self-erecting tents with fully inflatable frame

Product Images

Short Description

AZM shelters aren't just for military use. Their high tear resistance and tensile strength make them a valuable asset for search and rescue teams and humanitarian organizations. These shelters provide reliable protection in high-tempo, expeditionary operational environments.

Description

The AZM 8-4 is an inflatable modular tent. In the length of 12.50 m, it consists of 3 sections (modules) which are connected by zippers (tent skin), locking pins (inflatable frame) and hook-and-loop fasteners (Velcro, flooring). Additional central sections (module 2, centre) can be added to increase the length of the tent by steps of 4.80 m up to 17.30 m, 22.10 m and so on. The

minimum length is 7.70 m, and it is built with front and rear modules only.

Each module consists of 3 load-bearing parts: first, the tent skin with integrated textile flooring; second, the inflatable air beams with attached inflatable spacers; and third, the foldable aluminum tubes as additional spacers at the longitudinal sides. The textile covering is attached to the inflatable system by means of Velcro. The modules are delivered pre-assembled; only the aluminium tubes must be fitted during erection. The modules are assembled in the field.

Frame

Inflatable tubular frame made of airtight polyester fabric (1.10 g/m²) coated on both sides with PVC. Foldable aluminium tubes are used between the eaves arches.

Tent skin

The tent skin is attached to the inflatable frame by locking pins and hook-and-loop fasteners to the floor.

It is made of polyester fabric (0.70 kg/m²) and is PVC-coated on both sides. The fabric is flame-retardant, waterproof and rot-proof.

Floor

Flooring made of double-sided PVC-coated polyester fabric (0.70 kg/m²), colour grey.

Options and accessories

- Inner liner
- Partition walls
- Fabric according to military standards
- Side entrances
- Entrance modules
- Solid doors
- Electric inflator
- Lights
- Heating
- Air conditioning
- Rigid modular flooring
- Lettering/branding

Additional Information

Application area	Civil Defence, Military, Police/Gendarmerie
Base area	103.75 m²
Width	8.30 m
Length	12.50 m
Eaves height	3.20 m
Ridge height	4.15 m
Weight	566.00 kg