



Pneumatic tents of the new NP-M line due to the construction based on an inflatable frame are ready to use in just a few minutes. The speed and ease of setup make these tents ideal for use as a command centre, shelters and medical posts in rescue operations.

High-quality materials and solid construction ensure the efficient use of tents in various terrain and climate conditions, including high humidity and high sunlight, in the range of external temperatures from  $-30^{\circ}\text{C}$  to  $+55^{\circ}\text{C}$ .

Similarly to other pneumatic tents by Lubawa, the structure can be filled with air using a foot pump, an electric compressor or a compressed air cylinder. The diameter of inner tubes has been reduced from 300 mm to 220 mm. This treatment, while increasing the pressure inside the frame from 240 mbar to 350 mbar, allowed for a significant reduction of the weight of tents, while maintaining their stability.

In the tents of the NP-M line, the two-chamber structure of the pneumatic frame was abandoned in favour of the single-chamber frame. The use of such a solution significantly reduced the time of folding the tent, and simplified the process of extracting the air from the frame. The installation of an automatic air support system has also been simplified.

Glued connections between the frame and the shell were replaced by Velcro connections. This solution allows for easy disassembly of the pneumatic frame in case of necessity of its maintenance, repair or replacement of the sheathing. Replacement of glue with Velcro straps allows to carry out essential maintenance and repair directly by the user.

Due to the modular design of NP-M series, the tents can be connected to each other with the use of connector sleeves located on the top-end of the tents.

The pneumatic frame is available in two variants: made of a fabric coated on both sides with chloroprene rubber, which has a rough, knurled surface finish making glued joints extremely strong and the frame itself resistant to abrasion and mechanical damage, as well as PVC coated fabric.

Two types of fabric for sheathing are available - fabrics coated with chloroprene rubber on both sides and fabric coated with polyurethane, with an additional finishing for improved thermal protection. Also, the floor fabric is available in two variants - coated with polyvinyl chloride on both sides with or without the non-slip knurl. The change of the colour of the frame and the floor from black to light gray makes the interior of the tent brighter and more user-friendly. It is also much less susceptible to dirt.

This document is the property of Lubawa SA Ostrów Wielkopolski. It is protected by the copyright and may not be reproduced or used in any manner whatsoever without the express written permission of the owner.



To meet the expectations of our customers, Lubawa S.A. has prepared an offer of NP-M tents in several colours and fabrics:

#### Available tent colours



green



orange



red

#### Floor colour



gray

#### Inflatable frame colour



gray

| Tent                                    | NP-16M              | NP-26M              | NP-38M              |
|---|---------------------|---------------------|---------------------|
| Tent weight in a cover, with equipment* | 70 kg (±5 kg)       | 95 kg (±5 kg)       | 115 kg (±5 kg)      |
| Length x width x height                 | 3,1 x 5,2 x 2,5 [m] | 4,9 x 5,2 x 2,5 [m] | 7,2 x 5,2 x 2,5 [m] |
| Windows                                 | 2                   | 4                   | 4                   |

#### Standard tent equipment:

- Three-layer windows consisting of a permanently sewn mosquito net, transparent film and curtains made of basic fabric
- Doors placed on the top walls of the tent, closed with zippers, with the possibility of rolling and fastening with buckles
- Connecto-sleeves for connecting tents
- Sleeves designed to connect the heater, air conditioner; - sleeves designed for connecting the electrical system
- Tent carrying handles
- Ventilators
- Lighting fixtures
- Set of pins and pegs, hammer
- Repair Kit
- Foot bellows
- Case.

#### Available options and additional equipment:

- electric compressor
- Electric compressor with automatic pressure maintenance; - detachable floor
- Lining
- Suspended net
- Cross divider
- Longitudinal partition
- Tunnel for distributing cooled air
- Pockets for documents on gable walls
- Customer logo
- Lighting
- Generator
- Electrical installation - switchgears, extension cords
- Heater
- Air conditioner.

This document is the property of Lubawa SA Ostrów Wielkopolski. It is protected by the copyright and may not be reproduced or used in any manner whatsoever without the express written permission of the owner.

