



INFLATABLE RESCUE TENTS

GUMOTEX
RESCUE SYSTEMS

INFLATABLE RESCUE TENTS



- △ **Ideal background** during a rescue operation
- △ For short-term and long-term use **in many areas** - in case of events with an immediate need for hinterlands, for accommodation of people, material storage and similar
- △ **Long lifetime period** with only minimum maintenance and repair required
- △ Selection of **many types, sizes** and colours
- △ Easy handling and operation
- △ **Service centre** in the manufacturer's plant
- △ **Considerable references, deliveries for rescue teams (Fire Brigades, Police, Emergency Medical Service) in the Czech Republic and in many** foreign countries
- △ **Many years of experience** with the manufacture of inflatable rescue tents

2 production series:

Tents of SMART production series – inflatable structure made by high-frequency welding



Tents of GTX production series – traditional glued structure



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TENTS OF SMART PRODUCTION SERIES

- △ **Ideal for distant destinations** thanks to easy reparability outside of service centres of the manufacturer
- △ **The supporting structure is completely dismantable** thanks to the specific system of connectors between individual parts
- △ **Simple repair** - tent roof, walls with entrance, floors, supporting archs or distance tubes can be exchanged easily
- △ **Connecting of tents without connecting passageways**
- △ All used **materials are flame-retardant**
- △ Selection of several sizes and colours
- △ Easy handling and operation
- △ Long lifetime period with minimum maintenance required
- △ Entrance curtain of 2 m width, 2.3 m height connectable by means of turn-lock fasteners.
- △ Venting mesh above the entrance to provide for a natural exchange of air
Rollable entrance canvases
- △ Fixtures with rope and guy ropes on the supporting frame archs to secure the stability in all weathers, on a solid surface it can be anchored by means of weight bags filled with water or any other weight
- △ There are fixtures to fasten lights, devices and similar on the internal frame side.
- △ On the sides, 2 closable openings with diameter 150 mm for wiring infrastructure and hoses
- △ On the sides, 2 closable openings with diameter 350 mm for heating



TECHNICAL PARAMETERS	HF-15E	HF-28E	HF-42E HF-42.4E	HF-55E
Internal useful area (m ²)	15	28	42	55
External dimensions (mm)	3 000 x 5 600 x 3 000	5 650 x 5 600 x 3 000	8 300 x 5 600 x 3 000	10 950 x 5 600 x 3 000
Internal dimensions (mm)	3 000 x 4 900 x 2 650	5 650 x 4 900 x 2 650	8 300 x 4 900 x 2 650	10 950 x 4 900 x 2 650
Packed dimensions (ca. mm)	1 100 x 900 x 500	1 300 x 1 100 x 800	1 400 x 1 200 x 900	1 500 x 1 500 x 800
Weight (ca. kg)	78	115	150/190	191
Number of air chambers	1	1	1	1
Number of valves inflation/safety	2/1	2/1	2/1	/1
Tube diameter (mm)	350/230	350/230	350/230	350/230
Temperature range (°C)	-30 up to +70	-30 up to +70	-30 up to +70	-30 up to +70
Operating pressure (bar)	0.19 – 0.23	0.19 – 0.23	0.19 – 0.23	0.19 – 0.23



Removable entrance curtain



Hygiene liner

TENTS OF GTX PRODUCTION SERIES



- △ Easy **deployment within a few minutes** after connecting to air supply
- △ **Inflatable with pressure air** or **electrical blower**
- △ **Quick coupling device** to connect the pressure air supply
- △ **Safety relief valve**

- △ **Traditional glued inflatable structure**
- △ **Tent entrance** with zip fasteners, reversible canvas fasteners at the floor
- △ **Fastening straps with guy ropes** on the supporting structure arches to secure the stability in all weathers, on a solid surface the tent can be anchored by means of weight bags filled with water or any other weight placed on fastening flaps
- △ There are **fixtures to fasten** lights, devices and similar on the internal structure side
- △ **Venting mesh** above the entrance to provide for a natural exchange of air
- △ Side walls contain 2 **closable openings with diameter of 350 mm** to connect heating, air-condition
- △ Side walls contain 2 **closable openings with diameter 150 mm** to connect electrical installation cables, hoses
- △ Delivered including **anchoring and repair kit and hand pump**
- △ Packed in **transportation bag**

DESIGNATION	GTX-19	GTX-27	GTX-37
Internal useful area (m² ca.)	16.9	24.9	32.9
External dimensions (mm ca.)	4 090 x 4 600 x 2 850	6 020 x 4 600 x 2 850	7 950 x 4 600 x 2 850
Internal dimensions (mm ca.)	4 090 x 4 140 x 2 620	6 020 x 4 140 x 2 620	7 950 x 4 140 x 2 620
Packed dimensions (mm ca.)	1 100 x 750 x 650	1 200 x 850 x 700	1 300 x 1 000 x 650
Weight (kg ca.)	73	94	117
Number of air chambers	2	2	2
Number of valves Inflation / Safety relief	2/2	2/2	2/2
Tube diameter (mm)	230	230	230
Bed capacity (persons)	8	12	16



Entrance



Opening for heating



Inflation valve



Safety-relief valve



Packed in transportation bag



Accessories to the tent






Venting mesh



Fastening for lamps

Inflating of the tent



DESIGNATION	GTX-23	GTX-34	GTX-44
			
Internal useful area (m ² ca.)	21	30.9	40.8
External dimensions (mm ca.)	4 090 x 5 600 x 2 950	6 020 x 5 600 x 2 950	7 950 x 5 600 x 2 950
Internal dimensions (mm ca.)	4 090 x 5 140 x 2 720	6 020 x 5 140 x 2 720	7 950 x 5 140 x 2 720
Packed dimensions (mm ca.)	1 300 x 800 x 600	1 150 x 900 x 750	1 400 x 1 100 x 700
Weight (kg ca.)	78	103	123
Number of air chambers	2	2	2
Number of valves Inflation / Safety relief	2/2	2/2	2/2
Tube diameter (mm)	230	230	230
Bed capacity (persons)	8	12	16

ON REQUEST

- △ Three-layer **windows** – roof material, transparent film and mesh
- △ **Removable floor**, i.e. attached by means of Velcro
- △ Removable **hygiene liner**
- △ Removable **insulation liner**
- △ Lengthwise or crosswise **internal partition** curtains to split up the internal space
- △ Connecting passageways to **connect the tents** to larger units and compositions, e.g. field hospitals
- △ Connecting passageway for **connection between tent and container**
- △ **Front shelter for container**
- △ **Side entrance** on selected tent types
- △ **Weight bags** filled with water to anchor the tent on a solid surface
- △ **Additional accessories:**
heating, air-condition, additional solid floor, lighting etc.



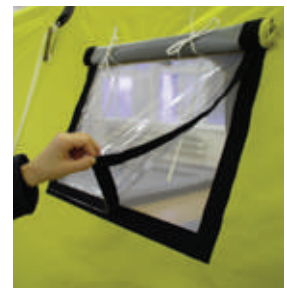
Insulation liner



Hygiene liner



Partition curtain



Three-layer window



Removable floor



Additional floor



Side entrance



Connecting passageway
tent-container



Connection of tents -
exterior view



Connection of tents -
interior view



Weight bag

USED MATERIALS

Inflatable supporting structure

SMART production series

- △ PES textile double-sided PVC coated, high strength, abrasion resistant, airtight, incombustible

GTX production series

- △ PA textile double-sided rubber coated, high strength, abrasion resistant, airtight

Roof

SMART production series

- △ PES textile **one-sided** PU coated, high strength, waterproof, surface density ca. **300 g/m²**

GTX production series

- △ PES textile **one-sided** PU coated, high strength, waterproof

Floor: PES textile double-sided PVC coated, high strength, abrasion resistant, waterproof, with antiskid treatment

Hygiene liner, Partition curtains: PES textile one-sided PU coated, waterproof

Insulation liner: quilted material consisting of three layers: PES textile, PES fleece and PES textile or non-woven

Colours available

Tent roof:



Floor:



Inflatable structure: SMART production series



GTX production series



Technical parameters

Temperature range between -30 to +70 °C

Operating pressure 0.19 – 0.23 bar



INFLATABLE RESCUE TENTS



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COMFY

Description of the tent:

- △ The tent is intended for a short-term use or for a quick intervention. It is light with small packed dimensions. Wide entrance with the width of 3 m and the height of 2.2 m. The tent has an opening with a diameter of 350 mm to connect wiring infrastructure, heating or air-condition. It can be inflated by means of a hand pump, an electric blower or a pressure cylinder (1 cylinder of 7 l 300 bar).
- △ The tent consists of one-chamber. It is equipped with three inflation/deflation valves for an easier inflation and discharge of air. The structure is equipped with a safety valve.
- △ Handling can be managed by 2 persons without any problems.

Used materials:

- △ **Structure**
Light, strong and abrasion resistant PES textile with double-side PVC coating.
Thermal resistance -30 °C up to +70 °C.
Colour black.
- △ **Roof**
PES textile with PU and water-repellent treatment.
Colour grey, red, blue, green, yellow.
- △ **Floor**
High strength PES textile with double-side PVC coating.
The material is abrasion-resistant with antiskid treatment.
Colour grey.

Accessories:

- △ Transportation bag
- △ Bag for accessories with pegs for anchoring the tent
- △ Repair kit

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TECHNICAL PARAMETERS

	COMFY 16	COMFY 25
Internal useful area (m ²)	16	25
External dimensions l × w × h (mm)	4 000 × 4 200 × 2 750	5 000 × 5 200 × 2 800
Internal dimensions l × w × h (mm)	4 000 × 3 800 × 2 560	5 000 × 4 800 × 2 600
Packed dimensions (mm ca.)	1 050 × 750 × 500	1 200 × 750 × 550
Weight (kg ca.)	53	76
Operating pressure (bar)	0.19 - 0.23	0.19 - 0.23
Temperature range (°C)	-30 to +70	-30 to +70

Structure

Number of air chambers	1	1
Number of inflation valves / safety valve	2 / 1	2 / 1
Number of guy ropes / fasteners	6 / 6	8 / 8
Tube diameter (mm)	192.5 / 192.5	192.5 / 192.5

Floor

non-removable

non-removable

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INFLATABLE MODULAR LARGE CAPACITY TENT

- > **Large-capacity tent** with inflatable supporting structure
- > For short-term as well as long-term use
- > Provides a **sheltered area which can be heated**
- > **Wide practical use** - garage, repair shop, material warehouse, dining hall, general headquarters, meeting room, large-capacity accommodation of persons
- > Easy handling and operation, simple installation
- > Long lifetime period with minimum maintenance requirements
- > Made of **high-quality, flame-retardant, high strength materials** with a long lifetime period, abrasion-resistant, resistant to solar radiation

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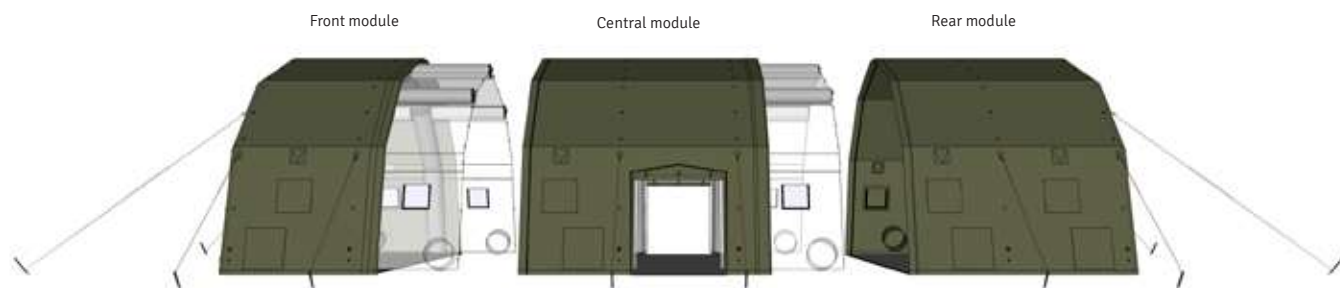
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> **Consisting of separate modules**

Front module

Central module (option to use 1 to 3 pcs according to the required useful area)

Rear module

- > **Connecting of modules by** means of a sophisticated **system of connectors and high strength zip fasteners**. Each module is packed in a separate bag for an easier transport and handling
- > There are **gates for vehicles** to drive into the tent **in the outside modules**
- > There is an entrance for people on the front and rear module, and on side entrances on central modules

Technical parameters	External length (mm)	External width (mm)	External height (mm)	Weight (kg)	Packed dimension (mm)	Quantity (pcs)
Front module	3 055	8 300	4 600	200	1300 x 1200 x 950	1
Central module	4 800	8 300	4 600	208	1300 x 1200 x 950	1-3
Rear module	4 655	8 300	4 600	220	1300 x 1200 x 950	1
MHHF-1 (1 central module)	12 510	8 300	4 600	630		
MHHF-2 (2 central modules)	17 310	8 300	4 600	835		
MHHF-3 (3 central modules)	22 110	8 300	4 600	1045		

All dimensions are approximate only

Colours available: ● ●

Operating pressure (bar): 0.19 – 0.23

Temperature range of use (°C): -40 up to +70



MHHF-1



MHHF-2



MHHF-3



ARMY TENT

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INFLATABLE ARMY TENT HF- 46A

Purpose of use

- △ Ideal background during a rescue operation
- △ For short-term as well as long-term use in many areas - during events with an immediate need for a comprehensive facility, for accommodation of people, material storage and similar.
- △ **Designed** in accordance with technical requirements for products intended to safeguard national defence

Advantages

- △ **Cataloged for use in the army NSN: 8340160069492**
- △ **Meeting the standards of NATO armed forces**
- △ Tents have passed check tests as well as **military tests**
- △ Long lifetime period with only minimum maintenance and repair required
- △ Applied high-quality **flame-retardant materials**
- △ Easy handling and operation
- △ Easy deployment within a few minutes after being connected to air supply
- △ Can be additionally equipped with cataloged accessories meeting the military standards

Parameters

- △ The supporting structure is completely dismountable thanks to the specific system of connectors between individual parts
- △ The entrance with connecting link
- △ Side entrance to optionally connect the tents to larger units and variable compositions, e.g. field hospitals
- △ Venting mesh above the entrance to provide for a natural exchange of air
- △ On the each side, 2 three-layer windows – roof material, transparent film and mesh
- △ On the each side, 2 closable openings with diameter 150 mm for wiring infrastructure and hoses
- △ On the each side, 2 closable openings with diameter 350 mm for heating

Designation	HF-46A
Internal useful area (ca m ²)	44
External length (ca mm)	7 920
External width (ca mm)	5 650
Minimum internal height (ca mm)	1 850
Height of the central part (ca mm)	2 650
Total weight (ca kg)	240

INFLATABLE ARMY TENT HF- 46A

Accessories

△ **Insulation liner** for the tent HF – 46A

△ **Sun shield** for the tent HF – 46A

△ Lighting

△ Dimensions of light 750 × 115 × 115 mm

△ Weight 2.5 kg

△ Power supply 220 V / 50 Hz

△ Degree of protection IP67

△ Heating BV 77E

△ Dimensions 1200 × 410 × 530 mm

△ Weight (empty) 40 kg

△ Weight with smoke flue and fuel 72 kg

△ Fuel tank 36 l

△ Fuel consumption max. 2 kg/hour

△ Heat output 20 kW

△ Power supply 220 V / 50 Hz

△ Electrical blower for inflating of tent

△ Power supply 220 V / 50 Hz

△ Output pressure 0.3 bar

△ Power / power input 1 000 W

△ Dimensions 260 × 280 × 340 mm

△ Weight 11 kg

△ Hose with 4 outputs

△ Electrical cable 7 m

△ Degree of protection IP 44

△ Floor tiles under the tent – additional floor PP

△ Static load (10 000 hrs.) 5 t/m²

△ Dimensions of 1 part 480 × 560 × 20 mm

△ Weight of 1 part ca. 2.3 kg

△ Number of parts per 1m² 5 pcs

△ Temperatures range of serviceability -40 °C up to +55 °C

△ Material – polypropylene, polyethylene



△ Colours available

△ Tent roof and floor:



△ Inflatable structure:





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DECONTAMINATION TENTS, SHOWERS, BASINS

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INFLATABLE DECONTAMINATION SHOWERS

- △ Designed for **decontamination and cleaning of people** or materials as well as **mobile sanitary facility** during rescue actions and for liquidation of accidents
- △ Long lifetime period with only minimum maintenance and repair required
- △ Selection of **several types and sizes**
- △ Easy handling and operation
- △ Low weight
- △ **Self-acting deployment** within a few minutes after being connected to **air supply**
- △ **Inflatable with pressure air, electrical blower or hand pump**
- △ **Quick coupling device** to connect the pressure air supply
- △ **Safety relief valve**
- △ One-chamber **inflatable supporting frame**, retention basin and shower cabin
- △ **Exchangeable** cabin and basin
- △ **Installed distribution system** with appropriate number of nozzles and hand-held rose with nozzle to apply the decontamination solution or water at minimum consumption
- △ Integrated water distribution system made **of plastic or stainless material**
- △ **Green** marking for „dirty“ entrance, **red** marking for „clean“ exit
- △ Water supply through the hose quick-coupling device D25 with internal thread G1
- △ The shower can have **windows of transparent film** with gloves for handling, other possible optional equipments are **brush, integrated outside basin**
- △ Optional **additional accessories**:
pumps, grates and mats, containers and tanks for contaminated solutions, admixing device, water heater etc.
- △ Delivered including **anchoring and repair kit** and **hand pump**
- △ Packed **in transportation bag**

Used materials

- △ **Inflatable supporting frame** – PES textile with double-sided PVC coating, high strength, abrasion resistant, airtight and waterproof, incombustible
- △ **Retention basin** – PES textile double-sided PVC coated, high strength, abrasion resistant, waterproof, with antiskid treatment
- △ **Shower cabin** – PP textile double-sided PE coated

Colours available

Shower cabin



Retention basin



Inflatable supporting frame





Technical parameters

Temperature range between	-30 to +70 °C
Operating pressure	0.19 – 0.23 bar



1. WITH INTEGRATED WATER DISTRIBUTION SYSTEM OF **PLASTIC** (connection components and nozzles of plastic)



- △ Cost-saving solution
- △ Lower weight
- △ Easy handling and maintenance

DESIGNATION	HF-S04P	HF-S06P	HF-S07P
			
External dimensions (mm ca.)	2 110 x 2 110 x 2 730	2 500 x 2 500 x 2 700	2 500 x 3 500 x 2 800
Shower cabin internal dimensions (mm ca.)	1 650 x 1 650 x 2 500	2 040 x 2 040 x 2 470	2 040 x 3 040 x 2 570
Number of shower cabins	1	1	1
Packed dimensions (mm ca.)	900 x 750 x 600	1 100 x 800 x 600	1 100 x 900 x 700
Weight (kg ca.)	51	60	73
Tube diameter	230	230	230
Inflation / Safety-relief valve	1/1	1/1	1/1



2. WITH INTEGRATED WATER DISTRIBUTION SYSTEM OF **STAINLESS MATERIAL** (connection components and nozzles of stainless material)

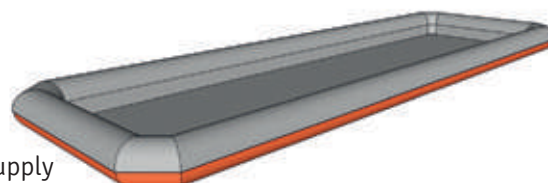
- △ Sophisticated solution
- △ High chemical substances resistance
- △ Inter-connectable

DESIGNATION	HF-S05N	HF-S08N
		
External dimensions (mm ca.)	2 900 x 1 900 x 2 400	4 700 x 2 400 x 2 400
Shower cabin internal dimensions (mm ca.)	2 440 x 1 440 x 2 170	1 410 (3x) x 1 940 x 2 170
Number of shower cabins	2 without partition curtains	3 with partition curtains
Packed dimensions (mm ca.)	800 x 700 x 550	1 400 x 1 100 x 550
Weight (kg ca.)	60	95
Tube diameter	230	230
Inflation / Safety-relief valve	1/1	1/1



DECONTAMINATION BASINS

- △ Designed to retain used water after **decontamination of people**, in case of an **accident**, bigger types are designed for **mass decontamination** of people or decontamination and **washing of technical equipment**
- △ Available as additional equipment to inflatable tents and showers
- △ **Long lifetime period** with only minimum maintenance and repair required
- △ Selection of **several sizes**
- △ Easy handling and operation
- △ Low weight
- △ Quickly ready for use
- △ **Quick coupling device** to connect the pressure air supply
- △ **Safety relief** valve
- △ **One-chamber** inflatable **frame**
- △ Bottom made of **high-strength** material with antiskid treatment
- △ **Exchangeable** basin
- △ On request, a **water drain** can be built-in



Used materials

- △ **Inflatable tubes** – PES textile with double-sided PVC coating, high strength, abrasion resistant, airtight and waterproof, incombustible
- △ **Bottom** – PES textile double-sided PVC coated, high strength, abrasion resistant, waterproof, with antiskid treatment, surface density ca. 520 g/m²

Colours available

Bottom



Inflatable tubes



Technical parameters

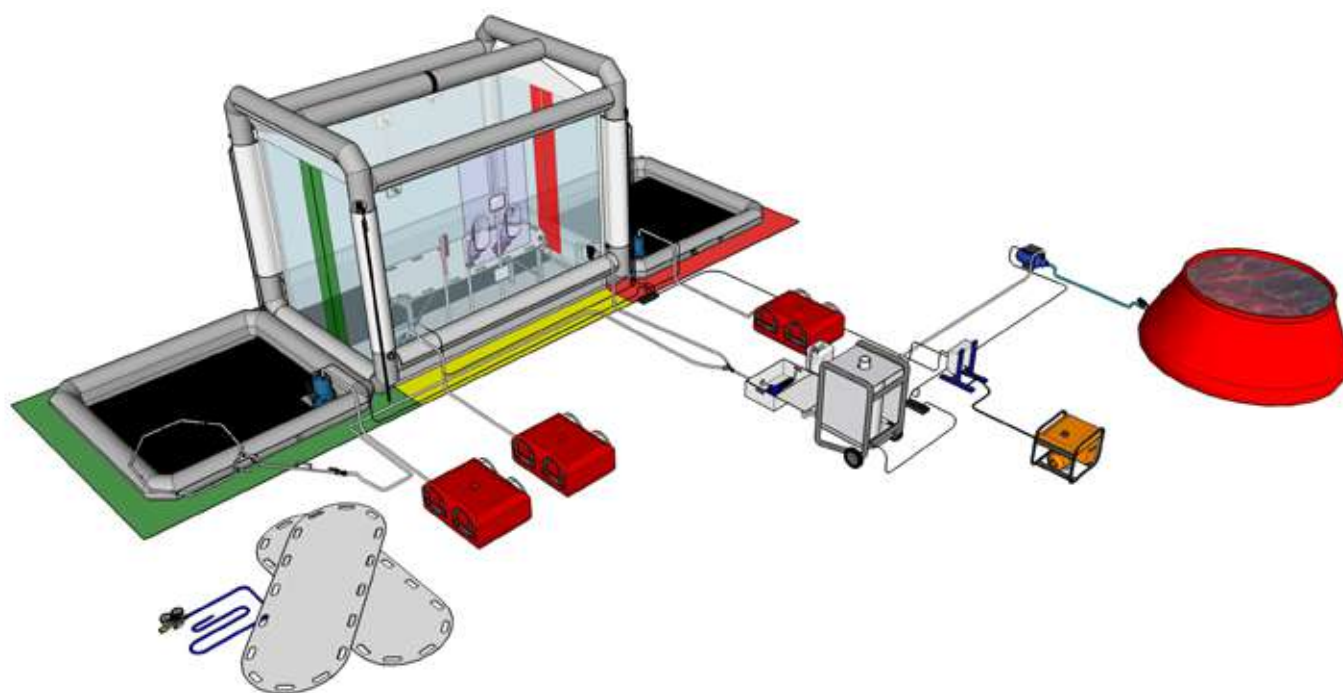
Temperature range between	-30 to +70 °C
Operating pressure	0.19 – 0.23 bar

DESIGNATION	2 X 2	2,5 X 2,5	5 X 3	22,4 X 5,4
Internal useful area (m ² ca.)	2,3	4	11	110
External dimensions (mm ca.)	2 000 x 2 000 x 230	2 500 x 2 500 x 230	5 000 x 3 000 x 230	22 400 x 5 400 x 230
Internal dimensions (mm ca.)	1 540 x 1 540 x 230	2 040 x 2 040 x 230	4 540 x 2 540 x 230	21 960 x 4 960 x 230
Packed dimensions (mm ca.)	700 x 500 x 300	700 x 500 x 300	800 x 500 x 400	1 400 x 1 100 x 900
Weight (kg ca.)	11	15	25	120
Number of tubes	230	230	230	230
Inflation / Safety relief valve	1/1	1/1	1/1	1/1

DECONTAMINATION STATION FOR BASIC DECONTAMINATION

Proposal of decontamination station equipment

- △ Decontamination basins at the entrance and exit
- △ Decontamination shower
- △ Continuous-flow water heater with admixing device of the decontamination agent
- △ Floor grates into decontamination showers and basins
- △ Generator
- △ Open self-supporting container for water
- △ Closed container for contaminated water
- △ Barrels for contaminated clothing
- △ Pump for water supply
- △ Slurry pump for water draining
- △ Fluorescent tube lighting resistant against spray water
- △ Lighting balloon



INFLATABLE TENT WITH BUILT-IN SHOWER FOR MASS DECONTAMINATION **DEKON-35**



- △ Inflatable **tent with built-in shower, water distribution system and basin**
- △ **Removable built-in shower** attached to the structure by means of Velcro
- △ Crosswise partition curtains to split the space into the **parts to get undressed, to take shower and to get dressed**
- △ Lengthwise partition curtains to split the space into **separated corridors**
- △ **Central corridor with conveyor** for immobile persons
- △ **Removable basin** in the shower part
- △ In the shower part are **two independent circuits**
 - △ First circuit with decontamination agent
 - △ Second circuit with clean water for rinsing



Used materials

- △ **Inflatable supporting structure** - PAD textile double-sided rubber coated, high strength, abrasion resistant, airtight
- △ **Roof** - PES textile **one-sided** PU coated, high strength, waterproof
- △ **Floor** - PES textile double-sided PVC coated, high strength, abrasion resistant, waterproof, with antiskid treatment
- △ **Hygiene liner**, Partition curtains: PES textile one-sided PUR coated, waterproof

Colours available

Tent roof



Floor



Inflatable structure



Technical parameters

- △ Temperature range between -30 to +70 °C
- △ Operating pressure 0.19 – 0.23 bar

DESIGNATION	DEKON-35
Internal useful area (m² ca.)	35
External dimensions (mm ca.)	7070 x 6000 x 3080
Internal dimensions (mm ca.)	7070 x 5250 x 2700
Packed dimensions (mm ca.)	1500 x 1100 x 1000
Weight (kg ca.)	200
Number of air chambers	2
Inflation / Safety relief valve	4/2
Tube diameter	380/230





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PROTECTIVE SUIT SUNIT

PROTECTIVE SUIT **SUNIT**

- △ **Chemical protective suit**
- △ Type **SUNIT IV FK**
- △ Category **PPE III** in accordance with PPE Group at Commission 89/392/EEC
- △ Basic protection defined by the harmonised standard **ČSN EN 14605**
- △ Intended for **liquidation of accidents of acids and alkali**
- △ Chemical protection of the user's body against **the effects of liquid chemicals**, specially against acids and caustic alkali
- △ Can be used also in other areas of human activities
- △ **Two-piece suit non-gasproof**
- △ Impermeable coating from a special rubber blend on textile material
- △ **Trousers reaching above the waistline** with adjustable braces
- △ **White rubber boots** are bonded to the trouser legs
- △ **Blouse with hood** with fastening in the lower edge, pulled over the trousers, tightened with cuff and belt with buckle
- △ **Firm cuff-rings** are glued in the jacket sleeves to fix the chemical-resistant gloves
- △ Chemical-resistant **protective five-finger gloves**
- △ Equipment for face and respiratory system are not included in the suit
- △ The suit is not intended for use in environments with explosion risk
- △ Not designed against exposition by organic substances
- △ **Selection from several sizes** of the **suit** and boots
- △ For the body height from 170 to 194 cm
- △ Combinations of various body lengths and widths as well as boots are possible
- △ **Tested** by the Occupational Safety Research Institute Praha



Gloves



Blouse



Boots



Trousers

Technical parameters

Resistance against exposure by solutions

- △ 37 % hydrochloric acid (HCl)
- △ 95 % sulphuric acid (H₂SO₄)
- △ 30 % sodium hydroxide (NaOH)
- △ 25 % ammonium hydroxide (NH₄OH)
- △ 65 % nitric acid (HNO₃)
- △ 10 % hydrofluoric acid (HF)

* More detailed information in the Instructions Manual

Temperature resistance

- △ The coated textile does not change its elastic properties within the temperature range from -30 °C and is stable at temperatures ranging from 0 to +80 °C, for a short term up to +120 °C

Usable at ambient temperatures

- △ Up to 25 °C max. 60 minutes, uninterrupted working activity max. 35 minutes
- △ Over 25 °C max. time of stay in the suit has to be shortened proportionately e.g. at 30 °C max. 25 minutes time of stay in the suit

Classification according to ČSN EN 14605 – selected parameters

- | | |
|----------------------------------|---------|
| △ Abrasion resistance | class 6 |
| △ Cracking resistance in bending | class 4 |
| △ Puncture resistance | class 3 |
| △ Bursting strength | class 4 |
| △ Combustion resistance | class 2 |
| △ Seams strength | class 6 |

Protective suit weight 6 kg

Colour available



Used materials: Cotton fabric with one-side coating of a special rubber compound, acid resistant

Size table

OPTION NO.	BODY HEIGHT	CHEST LINE	WAISTLINE	BOOTS SIZE	GLOVES SIZE
1	170 - 176	104 – 108	96 – 100	7, 8, 9, 10, 11, 12, 13	11
2	170 - 176	112 – 116	104 – 108	7, 8, 9, 10, 11, 12, 13	11
3	170 - 176	124 – 128	124 – 128	7, 8, 9, 10, 11, 12, 13	11
4	182 - 188	104 – 108	96 – 100	7, 8, 9, 10, 11, 12, 13	11
5	182 - 188	112 – 116	104 – 108	7, 8, 9, 10, 11, 12, 13	11
6	182 - 188	124 – 128	124 – 128	7, 8, 9, 10, 11, 12, 13	11
7	188 - 194	112 – 116	104 – 108	7, 8, 9, 10, 11, 12, 13	11
8	188 - 194	124 – 128	124 – 128	7, 8, 9, 10, 11, 12, 13	11





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TANKS FOR LIQUIDS

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SELF-SUPPORTING TANKS

Purpose of use

- △ Ideal for short-term storage of service water in remote areas, as a water reservoir for the case of wildfire in a difficult accessible terrain and for water pumping over to higher levels
- △ For special projects - possibility to use a material suitable for drinking water or a material resistant to lubricants, mineral, technical and food oil, fuels and other petroleum products

Advantages

- △ Suitable for filling from a bag hanging out of a helicopter
- △ Floating pump can be placed inside
- △ Simple handling and operation – the basin obtains the required shape when filled with water
- △ The upper floating border of PE foam need not to be inflated
- △ Easy access for cleaning, easily washable material, simply reparable

Description

- △ Open self-supporting tanks in several volume sizes
- △ Grab handles on the basin sides for a better handling with empty container

Additional accessories

- △ Flange with B or C coupler to connect a fire hose
- △ Flange with valve and C coupler for easy filling and discharge
- △ Transportation bag

Technical parameters

Designation	SN 1	SN 2	SN 3	SN 5	SN 10	SN 25
Tank volume (litres)	1 000	2 000	3 000	5 000	10 000	25 000
Width of the filled tank at the bottom (mm)	1 600	2 100	2 500	3 300	4 300	6 300
Width of the filled tank at the upper border (mm)	1 100	1 500	2 000	2 600	3 800	5 400
Height of the filled tank (mm)	830	830	930	930	930	930
Weight without flange and coupler (ca. kg)	10	15	18	22	31	40
Packed dimensions (mm ca.)	800x400x400	900x500x400	1100x600x400	1300x700x400	1400x800x500	1400x900x600

Material: PES textile double-sided PVC coated, high strength, abrasion resistant, waterproof, weatherproof and resistant to UV radiation

Colours available: 

Temperature range: -30 °C up to +70 °C



CLOSED WATER TANKS

Purpose of the use

- △ Ideal for storage of service water, as a water reservoir for the case of wildfire in a difficult accessible terrain
- △ Ideal accessory to decontamination showers
- △ For special projects - possibility to use a material suitable for drinking water or a material resistant to lubricants, mineral, technical and food oil, fuels and other petroleum products

Advantages

- △ Easy handling and operation
- △ Can be placed on vehicles with an open loading space
- △ Filling / discharging ball valve with D25 up to 500 l and C52 over 500 l coupler, on customer's request another coupler can be used
- △ Use on various kinds of surface (concrete, asphalt, crushed stone, ...)

Description

- △ Closed self-supporting tanks in several volume sizes
- △ Grab handles on the tank sides for a better handling with empty container
- △ Air release valve – flange with a threaded cap

Additional accessories

- △ Transportation bag

Technical parameters

Designation	UN 150	UN 250	UN 500	UN 1 000	UN 2 000
Tank volume (litres)	150	250	500	1 000	2 000
Width (mm)	800	1 100	1 400	2 000	3 000
Length (mm)	600	800	1 300	1 800	2 000
Height (mm)	350	300	300	400	400
Weight (ca. kg)	4	6	10	15	21
Packed dimensions (ca. mm)	300x300x150	500x400x200	500x400x300	800x400x300	900x500x400

Material: PES textile double-sided PVC coated, high strength, abrasion resistant, waterproof, weatherproof and resistant to UV radiation

Colours available: ■

Temperature range: -30 °C up to +70 °C





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FLOOD BARRIERS

FLOOD BARRIERS WITH STEEL STRUCTURE

Purpose of use

- △ Protection against flood and torrential rain
- △ Protection of industrial buildings and family houses
- △ Elevation of existing dams or river banks
- △ Creation of an artificial runway to give the stream another direction

Main advantages of the protection

- △ **A mobile system of water against water**
- △ Low logistic demands thanks to filling with water
- △ Stand-alone device even without being filled with water
- △ Easy, quick and simple use
- △ Use on various kinds of surface (concrete, asphalt, crushed stone...)
- △ Watertight **connected in an endless length**
- △ **Connectable even in angles** and so it can copy the river bed
- △ Intended for **repeated use**



Tested and recommended by an independent testing laboratory (T. G. Masaryk Water Research Institute, public research institution, Prague, Czech Republic)

Technical parameters

Designation	PZ-1.5M-2M	PZ-1.5M-6M
Width of an empty barrier (approx. mm)	2 000	2 000
Type of segment	One chamber segment	Three chamber segment
Height (approx. mm)	1 500	1 500
Length of a segment (approx. mm)	2 080	6 080
Protective height (mm)	1 350	1 350
Type of bag filling	Water, top filling	Water, top filling



Installation of barriers



Installation of barriers



Connection in an angle



Connection in an angle

(photo on the front page – barriers with steel structure)

WATER-FILLED FLOOD CONTROL BAGS

Purpose of the use

- △ Protection against flood and torrential rain
- △ Protection of industrial buildings and family houses
- △ Elevation of existing dams or river banks
- △ Creation of an artificial runway to give the stream another direction

Main advantages of the protection

- △ A mobile system of water against water
- △ **Operation can be managed by two persons**
- △ **Minimum logistic demands** and good storability
- △ Use on various kinds of surface (concrete, asphalt, crushed stone...)
- △ **The protective height can be risen** by installing them in the pyramid shape consisting of 3 tubes
- △ Watertight connected in an endless length
- △ Connectable even in angles and so it can copy the river bed
- △ The installation procedure is indicated by pictograms directly on the bag
- △ Intended for **repeated use**



Tested and recommended by an independent testing laboratory (Water Research Laboratories, Institute of Water Structures, Faculty of Civil Engineering, Brno University of Technology, Czech Republic)

Technical parameters

Designation	PZ-PR40CM	PZ-PR80CM
Tube diameter (approx. mm)	400	800
Length of a segment (approx. mm)	10 000	10 000
Protective height in the basic version (approx. mm)	300	650
Protective height of a pyramid consisting of 3 tubes (approx. mm)	600	1 050
Type of bag filling	Filling valve with a flap trap, reducing adapter to the B75 coupler	Filling valve with a flap trap, reducing adapter to the B75 coupler



Pyramid shape consisting of 3 tubes

(photo on the rear page – water-filled bags)



Installation in the pyramid shape



Discharge through the watertight zipper



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INFLATABLE RESCUE WALKWAY

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INFLATABLE RESCUE WALKWAY



- △ **General-purpose piece of equipment** of rescue teams, fire brigades and other rescue units
- △ Designed for use on **unstable surfaces** such as water, ice or crushed ice, swamps, sand and similar
- △ A wide range of possible uses - for the **rescue of people**, as a floating platform for **transport of materials or people**, as a **work-platform** for divers etc.
- △ Easy handling, operation and mobility
- △ Quick readiness to use
- △ Available in two sizes
- △ Inflatable with **pressure air** or electrical or hand **pump**
- △ **Safety relief** valve to avoid any over-inflation
- △ **High resistant material**
- △ Upper side with **anti-skid treatment**
- △ **Safety peripheral and central rope** for easy handling, for fixation of further segments but also the people being rescued can hold on it
- △ **Reflective strips on the sides** for better visibility of the walkway under heavy conditions
- △ Segment dimensions **5 x 1.3 m** and **3.13 x 0.82 m**
- △ Standard delivery in a package of 3 segments
- △ Individual segments can be **connected** to each other or they can be **superimposed** by means of spring-hooks to extend the length of the walkway or e.g. to increase the loading capacity

Additional equipment:

- △ safety **throw-ring**
- △ grab **net**
- △ transport **bag**





TECHNICAL DATA

	STANDART WALKWAY	MINI WALKWAY
Segment size	5 x 1,3 x 0,13 m	3,13 x 0,82 x 0,13 m
Segment weight	20,2 kg	8,1 kg
Number of segments in one package	1 to 3	1 to 3
Packed dimensions (1 segment)	1,35 x 0,55 x 0,25 m	1 x 0,45 x 0,08 m
Load capacity of 1 segment	250 kg	130 kg
Inflation time of 1 segment	18 sec	10 sec
Operating pressure	0,2 bar	0,2 bar
Temperature range for use	-20 to +60 °C	-20 to +60 °C



Inflation and safety relief valve



Segments connection by means of spring-hook



Walkway segments superimposed on each other



Hose to the pressure bottle



Walkway in transport bag

Available colour:



Material used: Nitrilon® – PES fabric with nitrile rubber coating and mixture based on natural rubber, abrasion resistant, ageing resistant, high-strength



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WATERPROOF TRANSPORT BAG



WATERPROOF TRANSPORT BAG



Purpose of use

- △ **Waterproof transport bag with volume of 100 l**
- △ Intended for storage and transport of the equipment
- △ **Keeps the equipment hermetically closed** even during transport in extreme conditions, e.g. during flood

Advantages

- △ **Proof to penetration of humidity** both into the bag interior and also out of the bag interior
- △ Watertight closing without use of zipper guarantees a **long lifetime and maintenance-free operation**
- △ **Quick and easy watertight closing of the bag even in gloves**
- △ All parts of the bag can be **washed and decontaminated with usual detergents**

Description

- △ **Adjustable shoulder straps with foam padding** for a comfortable transport on the back
- △ There are buckles in the upper part of the bag to lock the bag
- △ **A pocket for small items** on the exterior side of the bag
- △ Pocket for the name tag made of a transparent material

Technical parameters

Designation	VTV-100
Bag volume (l approx.)	100
Dimensions of the full opened bag height x width x depth (mm approx.)	1040 x 470 x 280
Weight (kg approx.)	1,1
Maximum bearing capacity (kg)	25

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