

The background image shows a woman in a purple shirt and dark skirt standing next to a young child in a dark t-shirt and patterned pants. They are in a dusty, outdoor setting with blue tents in the background. The text "TO SAVE LIVES AND RELIEVE SUFFERING" is overlaid in large, white, bold, sans-serif capital letters. There are also decorative diagonal line patterns in blue and orange across the image.

**TO SAVE LIVES
AND RELIEVE SUFFERING**

**PRODUCTS FOR CIVIL SECURITY
AND HUMANITARIAN AID**



Lubawa Corporate Group is the production and service company with a global reach which consists of dynamically developing companies. The parent company is the Lubawa S.A. which is listed on the Warsaw Stock Exchange. Its core activity is the manufacture, processing and sale of specialised technical woven and knitted fabrics offered to public and business customers. Within the Lubawa Group are manufactured and sold the specialized systems of personal protection, military assets and collective and also advertising products.

Goods and services are sold at every stage of the woven and knitted fabric treatment process– from raw fabric to a technologically advanced product. The close cooperation of our companies affects the competitive advantage of Lubawa Group. This partnership allows using whole potential of the group and having a full production cycle in the Group.

Our advanced technical backup facilities make it possible for us to implement modern solutions and attractive offers. Lubawa Group is able to respond to markets needs and has the potential to effectively expand its business.



TO SAVE LIVES AND RELIEVE SUFFERING

The use of innovative technologies and solutions makes us able to improve already existing products and create new ones. Through continuous development, we strive to ensure that the environment in which we live is becoming safer and more prepared for unexpected random events. We take up new challenges every day. Thanks to our practical experience we can minimise potential threats more effectively.

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MISSION: TO PROTECT PRECIOUS LIFE

In the modern world, dominated by violence and unpredictable natural disasters, what matters most is a quick and effective action taken in order to protect precious human life. Lubawa S.A. aims to help people affected by humanitarian crises, including armed conflict and natural disasters.

The Company manufactures a wide range of products necessary for both efficient and safe measures which exist to save life and health of people living in the areas exposed to war or natural disasters. The Company offers, among others, tents, water containers, special-purpose and chemical protective clothing, medical backpacks, decontamination cabins, flood barriers, bulletproof vests, ballistic plates, helmets and RIB-type boats. Protection of human life and health is our primary aim. Therefore, the products we develop are of the highest quality. They are also adapted for use in all environmental conditions.



TENTS

Lubawa S.A. provides single tents as well as specialised tents serving as mobile stations or bases, along with a generous selection of accessories. The tents can be used in a variety of conditions. They can be successfully used for the purposes of accommodation, as an office, field hospitals, dining rooms, sanitary tents or warehouses.

▶ **N6**

▶ **AID AND BEDROOM TENT**

▶ **NS-97**

▶ **3x3**

▶ **6x6**

▶ **N-24**

▶ **NP 16, 26, 38**

▶ **HAN TENT HALL**

▶ **DECONTAMINATION CABIN 1 SEGMENT**

▶ **DECONTAMINATION CABIN 3 SEGMENTS**

▶ **AIR PUB**

N6

INTENDED USE OF THE TENT: BEDROOM TENT

LINING:

- ▣ LENGTH: 3.10 M
- ▣ WIDTH: 2.90 M
- ▣ MAX. HEIGHT: 2.20 M
- ▣ SIDE HEIGHT: 1.37 M
- ▣ WEIGHT: 8.5 KG
- ▣ DIMENSIONS OF THE LINING IN THE BAG: APPROX. 0.80X0.37X0.15 M

TECHNICAL SPECIFICATIONS OF THE TENT:

- ▣ LENGTH: 3.20 M
- ▣ WIDTH: 3.00 M
- ▣ SUPPORT POLE HEIGHT: 2.30 M
- ▣ SIDE HEIGHT: 1.40 M
- ▣ USABLE AREA: 9.6 M²
- ▣ WEIGHT: 35 KG
- ▣ INCLUDING THE TENT CANOPY AND THE FLOOR: 21.50 KG
- ▣ TENT FRAMEWORK ALONG WITH THE EQUIPMENT: 5 KG

NO	PART	QUANTITY	DIMENSIONS AND NAME OF A RAW MATERIAL	COMMENTS
1	TENT CANOPY WITH THE FLOOR	1 PC.	COTTON-POLYESTER FABRIC PVC COATED, FLAME-RETARDANT FLOOR	
2	WINDOWS	6 PCS.	HARD PVC FLAME-RETARDANT FILM ϕ 320MM	1 RESERVE
3	SIDE LINES WITH HITCHES	10 PCS.	POLYAMIDE ϕ 5 MM LENGTH 3,500 MM	1 RESERVE
4	MAIN SUPPORT POLE 3-PIECE SUPPORT POLE WITH A BAR	1 PC.	STEEL TUBE ϕ 25 MM, 2,300 MM LONG	
5	SIDE POLES 2-PIECE	11 PCS.	STEEL TUBE ϕ 20 MM, 1,400 MM LONG	
6	PEGS FOR TENT ROPES	10 PCS.	METAL SHEET OR L-300 STEEL T-SECTION	1 RESERVE
7	ANCHOR PINS	12 PCS.	GALVANIZED, STEEL, ϕ 6	1 RESERVE
8	TENT BAG	1 PC.	CANVAS FABRIC	
9	FRAME BAG	1 PC.	CANVAS FABRIC	
10	EQUIPMENT BAG	1 PC.	CANVAS FABRIC	
11	LINING	1 PC.	FLAME-RETARDANT, COTTON-POLYESTER	
12	LINING BAG	1 PC.	FABRIC CANVAS FABRIC	

➤ AID AND BEDROOM TENT

DIMENSIONS OF THE BASIC VERSION:

- ☑ HEIGHT: 2.2 M
- ☑ WIDTH: 4 M
- ☑ RIDGE LENGTH: 4 M
- ☑ SIDE WALL HEIGHT: 1.25 M
- ☑ DOOR HEIGHT: 1.4 M
- ☑ CENTRE BASE LENGTH: 6.6 M
- ☑ OUTER TENT ROOF CANVAS-POLY-COTTON:350 G/M2 ±15%
COLOR NATURAL WHITE
- ☑ OUTER TENT WALL CANVAS POLY-COTTON:200 G/M2 ±10%
IN F COLOR NATURAL WHITE
- ☑ THE INNER TENT CANVAS POLYESTER/COTTON 130 G/M2 ±10%
- ☑ GROUND SHEE WOVEN POLYETHYLENE FABRIC

THE USABLE AREA OF THE BASIC VERSION IS 16 M2. THE TENT IS DEDICATED FOR 5 PEOPLE. IT IS DESIGNED TO SERVE AS A SHELTER FOR GIVING AID TO THE VICTIMS OF DISASTERS. IT IS SUITABLE FOR USE IN EVERY CLIMATE. THE WEIGHT OF THE TENT IS ONLY 55 KG. ONCE PACKED, IT IS EASY TO TRANSPORT. THE COVER IS MADE OF COTTON AND POLYESTER FABRIC WITH WATER-RESISTANT AND UV-STABLE FINISH.

THE WINDOWS ARE EQUIPPED WITH A MOSQUITO NET COMPLYING WITH THE REQUIREMENTS OF WHOPE. THE FLOOR IS MADE OF A COATED POLYETHYLENE FABRIC.



NS-97

- ▶ TOTAL LENGTH INCLUDING THE APSE: 6,5 M
- ▶ LENGTH WITHOUT THE APSE: 5 M
- ▶ WIDTH: 4.6 M
- ▶ HEIGHT: 2.1 M
- ▶ WEIGHT: 230 KG

IT IS INTENDED FOR GROUP CAMPING, AS A STORAGE FACILITY OR FOR CARRYING OUT ACTIVITIES WHICH REQUIRE PROTECTION AGAINST UNFAVOURABLE WEATHER CONDITIONS.

THE SHAPE OF THE TENT RESEMBLES A CYLINDER CUT THROUGH THE MIDDLE AND THE FACE WALLS ARE MADE OF TWO PARTS BUCKLED WITH LOOPS. WINDOW OPENINGS WITH REPLACEABLE CELLULOID PANES ARE FITTED IN THE SIDE WALLS. TWO ADDITIONAL OPENINGS CAN BE USED TO CONNECT HEAT BLOWERS. THE DESIGN OF THE TENT ENABLES CONNECTING SEVERAL TENTS IN SERIES.

IT IS MADE OF COTTON-POLYESTER FABRIC WITH WATERPROOF, ANTIFUNGAL AND FLAME RESISTANT IMPREGNATION. IT IS ALSO MADE OF COATED FABRIC WITH THE HIGHEST RESISTANCE PARAMETERS, AS WELL AS FUNCTIONAL AND OPERATIONAL QUALITIES. THE TENT CONSISTS OF AN EXTERNAL CANOPY, A LINING, A FLOOR AND A STEEL FRAME. THE SHAPE OF THE TENT RESEMBLES A CYLINDER CUT THROUGH THE MIDDLE AND THE FACE WALLS ARE MADE OF TWO PARTS BUCKLED WITH LOOPS. IN THE SIDE WALLS THERE ARE WINDOW OPENINGS WITH RECTANGULAR CURTAINS MADE OF NET AND THE PRIMARY MATERIAL.

THE ROUND WINDOWS ARE MADE OF RIGID FOIL OR CELLULOID AND ARE FITTED WITH CHIMNEY METAL SHEETS FOR THE PURPOSE OF TRADITIONAL HEATING. TWO ADDITIONAL SLEEVE OPENINGS CAN BE USED TO CONNECT HEAT BLOWERS. THE DESIGN OF THE TENT ENABLES CONNECTING SEVERAL TENTS IN SERIES.

THE USABLE SPACE IS EXTENDED WITH A WIDER APSE. THE WHOLE TENT IS SUPPORTED ON A STEEL FRAME PROTECTED AGAINST CORROSION.



> 3x3

TENT 3X3 IS DESIGNED TO PROVIDE QUICK AND EASY SURFACE ROOFING AND INSULATION FROM THE WEATHER CONDITIONS. SINGLE FRAME CONSTRUCTION WITHOUT DETACHABLE PARTS, PROVIDES A SMOOTH AND EASY DISASSEMBLY TENT WITHOUT TOOLS. THE TENT CAN BE USED AS A CANTEEN TENT, CATERING TENT, STORAGE TENT. FAST, EASY INSTALLATION, LOW WEIGHT AND SMALL SIZE PACKING, MAKE A TENT CAN BE USED PRACTICALLY EVERYWHERE, AND THUS IT IS EASY TO STORE AND TRANSPORT.

DIMENSIONS OF THE TENT FRAME:

- ▶ LENGHT „A”: 3 M
- ▶ WIDTH „A”: 3 M
- ▶ HEIGHT IN THE CENTER „B” ÷ „C”: 2,590 ÷ 3,420 M
- ▶ USABLE AREA: ABOUT 9 M²

SIZE OF TRANSPORT PACKAGING:

- ▶ TENT CANOPY + FRAME + ACCESSORIES: 30X38X160 CM
- ▶ TENT CANOPY: 67X50 CM
- ▶ EQUIPMENT: 48X40 CM
- ▶ WEIGHT OF THE COMPLETE TENT: ABOUT 75 KG



THE TENT CONSISTS OF THE FOLLOWING COMPONENTS:

NAME OF ITEM	QUANTITY	DIMENSIONS AND MATERIAL	COMMENTS
TENT CANOPY: - ROOF – 1 PC. - ROOF REMOVABLE LINING – 1 PC. - SIDE WALL WITH THE ENTRANCE – 1 PC. - SIDE WALL WITH TECHNICAL OPENINGS – 1 PC. - SIDE WALL WITH A WINDOW – 1PC. - FULL SIDE WALL – 1PC.	1 SET	IMPREGNATED FABRIC WATERPROOF, ANTIFUNGAL, FLAME-RETARDANT	ROOF PACKAGING SIDE WALLS PACKAGING
TENT FRAME:	1 SET	ANODISED ALUMINIUM PROFILES	MAIN TRANSPORT PACKAGING
GUY ROPES:	6 PC.	ROPE L. 3,5 M	EQUIPMENT BAG
STAKES:	8 PC.	L 300 MM	EQUIPMENT BAG
HAMMER:	1 PC.		EQUIPMENT BAG
TRANSPORT PACKAGING FOR TENT CANOPY + FRAME + EQUIPMENT	1 PC.	PVC FABRIC	
TRANSPORT PACKAGING FOR SIDE WALLS	2 PC.	PVC FABRIC	2X WALLS IN 1PC. OF BAG
TRANSPORT PACKAGING FOR ROOF SHEATING	1 PC.	PVC FABRIC	ROOF + ROOF LINING
TRANSPORT PACKAGING FOR EQUIPMENT	1 PC.	PVC FABRIC	

OPTIONAL TENT EQUIPMENT:

NAME OF ITEM	QUANTITY	DIMENSIONS AND MATERIAL	COMMENTS
REMOVABLE LINING OF THE TENT: -REMOVABLE LINING - SIDE WALL WITH THE ENTRANCE - 1 PC. - REMOVABLE LINING – SIDE WALL WITH TWO WINDOWS - 1 PC. - REMOVABLE LINING - SIDE WALL WITH TECHNICAL OPENINGS - 1 PC. - REMOVABLE LINING - FULL SIDE WALL - 1 PC.	1 SET	IMPREGNATED FABRIC WATERPROOF, ANTIFUNGAL, FLAME RETARDANT, RESISTANT TO DIRT	REMOVABLE LINING PACKAGING
TENT FLOOR	1 PC.	PVC FABRIC	FLOOR PACKAGING
STAKES:	2 PC.	L 300 MM	EQUIPMENT BAG
TRANSPORT PACKAGING FOR REMOVABLE LINING OF SIDE WALLS	2 PC.	PVC FABRIC	2X SIDE WALLS LINING IN 1PC. OF BAG
FLOOR TRANSPORT PACKAGING:	1 PC.	PVC FABRIC	
REPAIR MATERIAL - BASIC FABRIC	2 PC.	40X55 CM	EQUIPMENT BAG
REPAIR MATERIAL - FABRIC REMOVABLE LINING	2 PC.	40X55 CM	EQUIPMENT BAG

> 6x6

RAPID DEPLOYMENT TENT 6X6 WITH ADDITIONAL EQUIPMENT IS A UNIVERSAL TENT, DESIGNED AS A COMMAND POST, HOSPITAL TENT, AS WELL AS A CAMPING, STORAGE, SANITARY, SOCIAL ETC. TENT, FOR ACTIVITIES REQUIRING ISOLATION FROM THE ATMOSPHERIC IMPACT.

LINES ATTACH THE TENT TO THE OUTER FRAME MADE OF ALUMINIUM AND STAINLESS STEEL. THE TENT'S CAP IS MADE OF MATERIALS WITH WATER-PROOF IMPREGNATION OF HIGHEST ENDURANCE PARAMETERS AND OPERATIONAL QUALITIES.

- ▣ LENGTH: 6,00 M
- ▣ WIDTH: 6,00 M
- ▣ CENTRAL HEIGHT: 2,90 M.
- ▣ SIDE HEIGHT: 2,10 M
- ▣ FLOOR SURFACE: 36,00 M²
- ▣ TOTAL SURFACE: 47,00 M²
- ▣ WEIGHT – CAP: 70,10 KG
- ▣ WEIGHT – FRAME: 74,80 KG





N-24

THE N-24 TENT IS INTENDED TO PROVIDE MEDICAL CARE (LEVEL 1) OR FULFILOTHER TASK WHICH REQUIRE PROTECTION FROM THE ATMOSPHERIC FACTORS. THE TENT IS DESIGNED TO BE USED IN VARIOUS ENVIRONMENTS AND WEATHER CONDITIONS, INCLUDING HIGH HUMIDITY LEVELS AND INCREASED EXPOSURE TO THE SUN (RANGE OF TEMPERATURE -30°C TO +50°C

THE TENT IS SUPPORTED BY THE FRAME MADE OF STANDARDIZED ALUMINIUM PROFILES. THE DOUBLE-SLOPED STRUCTURE OF THE FRAME ALLOWS EASY RAINWATER DRAINAGE. THE SKIN OF THE TENT IS MADE OF FIRE-RESISTANT POLYAMIDE FABRIC WITH A TWO-SIDED NEOPRENE/HYPALON COATING AND WITH ALUMINIUM PASTE TO REFLECT THE SUNLIGHT AND HEAT. THE TENT SKIN SEAMS ARE WATERPROOFED TO ENSURE DURABILITY AND PREVENT LEAKS.

EACH TENT CONSISTS OF:

- ❑ A SKIN ATTACHED TO THE FRAME WITH GUY ROPES TO MAKE ASSEMBLY LESS TIME-CONSUMING AND EFFORT-INTENSIVE) 4 PEOPLE, APPROX, 4 MINUTES)
- ❑ TWO ENTRANCES LOCATED IN THE END WALLS
- ❑ FOUR TRIPLE-LAYERED WINDOWS IN THE SIDE WALLS OF THE TENT
A FLOOR FIXED PERMANENTLY TO THE TENT SKIN, MADE OF FIRE RESISTANT POLYAMIDE FABRIC, WITH DOUBLE SIDED ANTI-SLIP NEOPRENE COATING
- ❑ INNER LINING FIXED TO THE OUTER SKIN
- ❑ TWO SLEEVES PLACED IN THE OPPOSITE SIDE WALLS FOR A FAN, AIR CONDITIONER, ELECTRICAL CABLES, ETC.
- ❑ TROPICAL ROOF ATTACHED TO THE OUSIDE OF THE FRAME
- ❑ A NET ATTACHED BENEATH THE CEILING TO ALLOW MEDICAL EQUIPMENT TO BE SUSPENDED FROM IT IN ANY PLACE.

THE TENT IS DESIGNED FOR 24/7 USE IN THE OUTDOOR CONDITIONS AND MAY BE TRANSPORTED BY VARIOUS MEANS OF TRANSPORT. THE MATERIALS USED TO MAKE THE TEN ARE RESISTANT TO MOULD, FUNGUS, WEAR AND TEAR AS WELL AS CORROSION CAUSED BY WEATHER FACTORS (SUN, HUMIDITY).



> NP 16, 26, 38

TENT	NP/NPM 16	NP/NPM 26	NP/NPM 38
WIDTH	5,20 M	5,20 M	5,20 M
LENGTH	3,10 M	4,90 M	7,20 M
HEIGHT	2,60 M	2,60 M	2,60 M

STANDARD TENT EQUIPMENT:

- ☒ CASE
- ☒ SET OF PINS AND STAKES, HAMMER
- ☒ REPAIR KIT
- ☒ LEG BELLOWS BRAVO, CAP. 6.5 L

RESCUE TENTS FOR ALL RESCUE AND PROTECTION CONDITIONS.
STRUCTURE BASED ON PNEUMATIC FRAME.

PNEUMATIC TENTS ARE FIT FOR DEPLOYMENT IN VARIOUS FIELD AND CLIMATE CONDITIONS, INCLUDING HIGH AIR HUMIDITY AND SUN-EXPOSURE (OUTSIDE TEMPERATURE RANGE FROM -30°C TO +55°C).

SEMI-PNEUMATIC TENTS NPM-TYPE HAVE ALUMINUM STRAINING TUBES INSTEAD OF LENGTHWISE FRAMES.



HAN TENT HALL

THE HAN TENT HALL WITH A 5-METER EXTENSION MODULE IS SUPPORTED BY AN ALUMINIUM FRAME. THE HALL IS DESIGNED FOR QUICK ASSEMBLY WITH THE POSSIBILITY OF OPENING THE ENTIRE END WALLS. ONE OR TWO END WALLS ARE BASED ON MOVING FRAMES WHICH ALLOW FOR A QUICK OPENING OF THE HALL.

ALL STEEL PARTS OF THE CONSTRUCTION ARE PROTECTED AGAINST CORROSION.

THE SHEATHING IS MADE OF SOFT POLYESTER TARPAULINS COATED WITH HIGH QUALITY NON-FLAMMABLE PVC MATERIAL. DOORS OR OPENINGS FOR THE IMPLEMENTATION OF HEATING AND VENTILATING CHANNELS CAN BE MADE IN THE TARPAULINS OF THE MIDDLE SIDE WALLS.

THE HAN HALL HAS BEEN DESIGNED FOR USAGE AS AN AIRCRAFT HANGAR, WAREHOUSE SPACE OR A WORKSHOP. ITS CONSTRUCTION TYPE ALLOWS FOR CUSTOMISING THE HALL WITH REGARD TO THE WINGSPAN OF THE AIRCRAFT. THE LENGTH OF THE HALL IS ALSO OPTIONAL AND ADJUSTABLE TO THE NEEDS. ADDITIONALLY, ONE OR TWO OPEN "VISORS" ARE ITS EFFECTIVE DIMENSIONS.

DISMENSIONS



HALL	THE WIDTH OF THE HALL IN THE AXES	EXTENSIO MODULE	PEAK WALLS
HAN15	15m	5m	5,9m
HAN20	20m	5m	7,3m

➤ DECONTAMINATION CABIN 1 SEGMENT

THE CABIN IS DESIGNED FOR CLEANING AND DISINFECTING PROTECTIVE CLOTHING CONTAMINATED WITH CHEMICAL SUBSTANCES

PNEUMATIC FRAME MADE OF RUBBER-COATED POLYAMIDE FABRIC

REMOVABLE BOTTOM, ATTACHED TO THE LOWER TUBE OF THE FRAME

REMOVABLE FOIL CURTAIN ATTACHED TO THE UPPER TUBE OF THE FRAME

THE STANDARD VERSION OF THE CABIN IS EQUIPPED WITH A SPRAYING LINE CONSISTING OF 8 SPRAY HEADS AND A PRESSURE HOSE; THE LINE CAN BE FED BY A HIGH-PRESSURE CLEANER, I.E. KÄRCHER. THE MAXIMUM ALLOWED VOLUME OF LIQUID SUPPLIED TO THE DEVICE: 12 LITRES

MINIMUM SET OF ACCESSORIES: BAG, REPAIR KIT, A SET OF PINS AND PEGS



> DECONTAMINATION CABIN 3 SEGMENTS

THE CABIN IS DESIGNED FOR CLEANING AND DISINFECTING PROTECTIVE CLOTHING CONTAMINATED WITH CHEMICAL SUBSTANCES. THANKS TO USING THREE DECONTAMINATION LINES (CABINS), OPERATION IS VERY QUICK – 3 PERSONS AT A TIME ARE DECONTAMINATED.

CONSTRUCTION ELEMENTS OF THE CABIN: PNEUMATIC FRAME MADE OF POLYAMIDE RUBBERIZED FABRIC, REMOVABLE BOTTOM ATTACHED TO THE BOTTOM TUBE OF THE FRAME, REMOVABLE FILM CURTAIN ATTACHED TO TOP AND SIDE TUBES OF THE FRAME.

THE CABIN'S STANDARD EQUIPMENT INCLUDES A SPRAY LINE WITH PRESSURE SUPPLY HOSE; THE LINE MAY BE SUPPLIED BY A PRESSURE SPRAYER.



LENGTH 3,25 / $2,79 \pm 0,02$ M

WIDTH 2,00 / $1,54 \pm 0,02$ M

HEIGHT 2,30 / $2,07 \pm 0,02$ M

INNER SURFACE OF THE CABIN: 4,3 M²

WEIGHT OF THE CABINS IN THE BAG WITHOUT ACCESSORIES 55 KG

➤ AIR PUB

THE PURPOSE OF AIR PUB IS TO PROVIDE SECURITY AT ALL TYPES OF OUTDOOR EVENTS. IT IS THE PERFECT SOLUTION FOR CATERING COMPANIES WHOSE BUSINESS INCLUDES HANDLING AND ORGANISING OF TEAM-BUILDING EVENTS, PICNICS, BANQUETS, WEDDINGS OR DANCING EVENTS. THE TENT CAN BE USED AS A CATERING BOOTH, COMMERCIAL BOOTH OR EVEN A SHELTER FOR SEASONAL ARCADE PARLOURS. IT CAN BE DEPLOYED IN LESS THAN 15 MINUTES (2 PERSONS). DETACHABLE FLOOR AVAILABLE AS AN OPTION.

- OUTER SURFACE: 61 M²
- INNER SURFACE: 47 M²
- HEIGHT: 350 CM
- INNER HEIGHT: 305 CM
- WIDTH: 660 CM
- WIDTH WITH DRIP COVERS: 720 CM
- LENGTH: 800 CM
- LENGTH WITH DRIP COVERS: 850 CM
- WORKING PRESSURE INSIDE THE AIR TUBES: 0,20 BAR
- TENT WEIGHT: 125 KG





WATER TANKS

Our water containers have been designed for storage of drinking water, especially needed during and after natural disasters. Different container sizes and appropriate materials, suitable for contact with drinking water, ensure product efficiency irrespectively of environmental conditions.

▶ 100-4000L CLOSED

▶ 1000-4000L

▶ 20L CLOSED TANK: A BUCKET

▶ 300L CLOSED



100-4000L CLOSED

CLOSED FLEXIBLE TANK FOR STORAGE OF DRINKING WATER,
WITH 100 L CAPACITY

THE TANK IS MADE OF A POLYAMIDE RUBBERISED FABRIC.
IN THE TANK, THE INFLOW-OUTFLOW VALVES ARE MOUNTED,
AS WELL AS THE FILL AND DRAIN VALVES.

INTENDED USE:

THE TANK IS DESIGNED AS A PURE UTILITY WATER TANK AND CAN ALSO
ACT AS A STORAGE TANK FOR TEMPORARY WATER STORAGE.

BASIC TECHNICAL SPECIFICATIONS:

- ▶ TANK WEIGHT:
TANK WEIGHT TOGETHER WITH FITTINGS 3.80 ± 0.50 KG
WEIGHT OF THE TANK IN A BAG 4.40 ± 0.50 KG
- ▶ DIMENSIONS OF EMPTY TANK:
TANK LENGTH 1120 ± 30 MM
TANK WIDTH 910 ± 30 MM

COMPONENTS OF THE SET:

- ▶ CLOSED FLEXIBLE WATER TANK
- ▶ BAG
- ▶ REPAIR KIT
- ▶ INSTRUCTIONS FOR USE
- ▶ WARRANTY CARD





> 1000-4000L

THE TANKS ARE DESIGNED FOR STORING FIREFIGHTING WATER, DRINKABLE WATER AND AGRESSIVE PETROLEUM DERIVATIVE LIQUIDS. THE TANKS ARE FITTED WITH AN INLET-OUTLET VALVE, ENABLING CONNECTING THE CONTAINER TO FIRE BRIGADE'S FIREFIGHTING EQUIPMENT. DEPENDING ON INDIVIDUAL NEEDS, WE PROVIDE TANKS WITH CAPACITY FROM 10 TO 20,000 L.

SET INCLUDES:

- ▣ REPAIR KIT
- ▣ COVER
- ▣ USER'S MANUAL







➤ 20L CLOSED TANK: A BUCKET

THE TANK IS MADE OF POLYAMIDE FABRIC RUBBER-COATED ON BOTH SIDES.

INTENDED USE:

THE TANK IS DESIGNED FOR STORAGE OF DRINKING WATER IN FIELD CONDITIONS.

BASIC TECHNICAL SPECIFICATIONS:

- ❑ WEIGHT OF THE TANK MAX 0.6 KG
- ❑ DIMENSIONS OF EMPTY TANK:
- ❑ DIAMETER OF THE BOTTOM 350 ± 10 MM
- ❑ DIAMETER OF THE LID 180 ± 10 MM
- ❑ HEIGHT /WITHOUT THE HANDLES/ 390 ± 10 MM
- ❑ HEIGHT /WITH THE HANDLES/ 590 ± 10 MM

COMPONENTS OF THE SET:

- ❑ WAX OR SILICONE GREASE FOR WATERPROOF
- ❑ ZIPPER MAINTENANCE
- ❑ INSTRUCTIONS FOR USE





> 300L CLOSED

CLOSED FLEXIBLE TANK FOR STORAGE OF DRINKING WATER,
WITH 300 L CAPACITY

THE TANK IS MADE OF A POLYAMIDE RUBBERISED FABRIC.
IN THE TANK, THE INFLOW-OUTFLOW VALVES ARE MOUNTED,
AS WELL AS THE FILL AND DRAIN VALVES.

INTENDED USE:

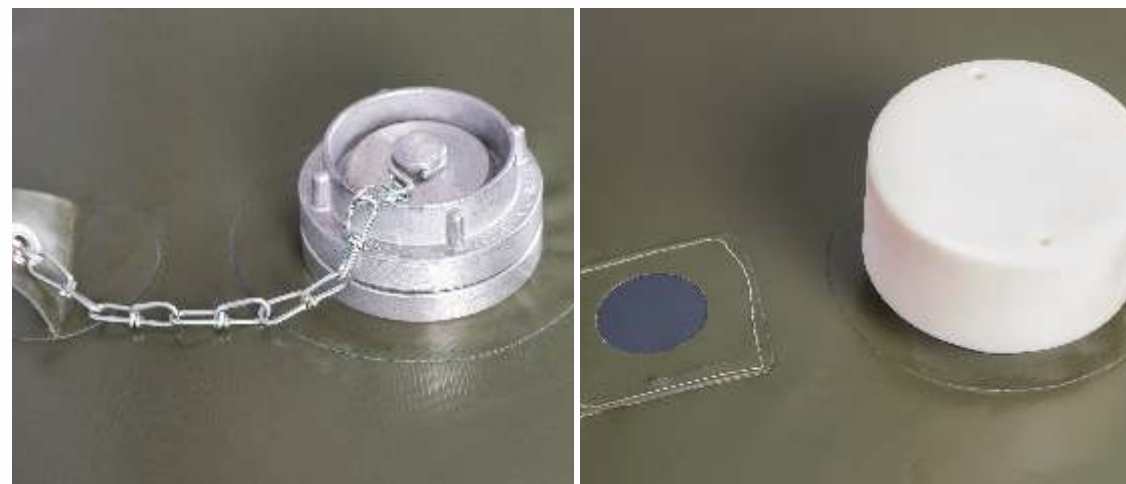
THE TANK IS DESIGNED AS A PURE WATER TANK AND CAN ALSO ACT
AS A STORAGE TANK USED FOR TEMPORARY STORAGE OF WATER.

BASIC TECHNICAL SPECIFICATIONS:

- ▶ TANK WEIGHT:
TANK WEIGHT TOGETHER WITH FITTINGS 6.60 ± 0.50 KG
WEIGHT OF THE TANK IN A BAG 7.30 ± 0.50 KG
- ▶ DIMENSIONS OF EMPTY TANK:
TANK LENGTH $2,600 \pm 50$ MM
TANK WIDTH $1,300 \pm 50$ MM

COMPONENTS OF THE SET:

- ▶ CLOSED FLEXIBLE WATER TANK
- ▶ BAG
- REPAIR KIT INCLUDED IN THE SET CONSISTS OF:
 - A SMALL BAG FOR THE REPAIR KIT – 1 PC.
 - A RUBBERISED FABRIC PATCH OF DIMENSIONS: 21×30 CM – 1 PC.
 - A TUBE OF GLUE /50 G/ – 1 PC.
 - A FLAT BRUSH – 1 PC.
 - SANDPAPER NO. 60 OF DIMENSIONS: 10×10 CM – 2 PC.
- ▶ INSTRUCTIONS FOR USE
- ▶ WARRANTY CARD





FLOOD BARRIERS

Flood barriers offered by Lubawa S.A. have been designed for building or raising flood banks. They are effective during the flood due to their mobility, quick assembly and the possibility of filling them with flood water.

▶ 10 M WITH INTERNAL SLEEVE 23 M

▶ 10 M STANDARD VERSION

▶ 10 M WITH ZIPPER

▶ 2,5 M AND 5 M

▶ 10 M AND 20 M FLOOD MITIGATION DAM



➤ FLOOD BARRIER 10 M WITH INTERNAL SLEEVE 23 M (POLYESTER)

BARRIER IS DESIGNED FOR BUILDING FLOODBANKS OR FOR THEIR ELEVATION. CONSISTS OF TWO SLEEVES. INTERNAL SLEEVE IS TO BE FILLED WITH WATER. EXTERNAL SLEEVE SERVES AS ITS SHEATHING. THE SYSTEM'S ADVANTAGES ARE SMALL WEIGHT, IT'S EASY TO MOVE, STORE AND INSTALL. BARRIERS ARE PACKED BY THREE PIECES A SET, TOGETHER WITH CLOSING STRAPS.

- HEIGHT ABOUT 40-50 CM (DEPENDING ON THE TERRAIN)
- WIDTH ABOUT 100 CM
- LENGTH 10 M (ONE SEGMENT CAN CONTAIN ABOUT 3000 DM OF WATER)
- WEIGHT OF ONE BARRIER ABOUT 10 KG
- DIMENSIONS OF PACKED BARRIER: 1,1M X 40CM X 5 CM

ONE 10M SEGMENT SUBSTITUTES ABOUT 170 SANDBAGS. BARRIERS CAN BE CONNECTED WITH ONE ANOTHER. IN CASE OF A HIGHER LEVEL OF FLOOD WATER, GREATER HEIGHT MAY BE OBTAINED BY PLACING A THIRD BARRIER ON TWO PREVIOUSLY FILLED ONES – IN THE FORM OF PYRAMID. FLOOD BARRIERS SYSTEM WAS PATENTED IN THE PATENT OFFICE (NO. 195058).





> 10 M STANDARD VERSION

THE BARRIER IS ESSENTIALLY A TIGHT WATER CONTAINER. IT CAN BE FILLED WITH WATER FROM A HYDRANT, FIRE TRUCK OR WITH FLOOD WATER, WITH THE USE OF DIFFERENT TYPES OF PUMPS. THE DIAMETER OF THE BARRIER IS 44 CM AND ITS LENGTH IS 10 M. THE SYSTEM OF BELTS ALLOWS TO JOIN THE BARRIERS IN DIFFERENT CONFIGURATIONS. OPTIONAL EQUIPMENT INCLUDES A WATERPROOF ZIPPER FOR MAINTENANCE OF THE BARRIER. WEIGHT OF THE BARRIER 18 KG.





10 M WITH ZIPPER

FLOOD BARRIER IS MADE IN THE FORM OF A CLOSED WATER TANK. CAN BE FILLED WITH HYDRANT WATER, FIRE-ENGINE, OR FLOOD WATER WITH THE USE OF PUMPS. THE BARRIER IS 44 CM IN DIAMETER AND 10 M IN LENGTH. SYSTEM OF STRAPS ENABLES TO CONNECT BARRIERS IN VARIOUS CONFIGURATIONS. EQUIPPED WITH WATERPROOF ZIPPER USED FOR MAINTENANCE. BARRIER'S WEIGHT 20 KG.





FLOOD BARRIER 2,5 M AND 5 M

MADE OF REINFORCED, TWO-SIDE RUBBERIZED POLYESTER FABRIC. THUS, THE BARRIER IS ESPECIALLY RESISTANT TO LONG-TERM INFLUENCE OF WATER, AIR AND UV RADIATION. THANKS TO USE OF PROPER MATERIALS, THE BARRIER IS A MULTIPLE USE ITEM. EQUIPPED WITH C-52 CONNECTIONS FOR DIRECT FILLING THROUGH FIREFIGHTING HOSE.

FLOOD BARRIER IS DESIGNED FOR BUILDING FLOODBANKS OR FOR THEIR ELEVATION. ITS STRUCTURE ENABLES CONNECTING INDIVIDUAL MODULES AT A REQUIRED LENGTH WITH A SYSTEM OF BUCKLES ON BOTH SIDES OF THE BARRIER, AND THEIR SEALING WITH A CUT-OFF WALL.

IDEALLY SUBSTITUTES SANDBAGS

REALLY QUICK DEPLOYMENT (10 MINS)

OPTION TO CONNECT ANY LENGTH OF SLEEVES (SEGMENTS OF 2,5 OR 5,0 M)

ADJUSTED TO PUT UP IN PLACES UNAVAILABLE FOR VEHICLES

LOW STORAGE COSTS DUE TO LOW WEIGHT AND SMALL DIMENSIONS OF AN EMPTY BARRIER

WEIGHT BEFORE FILLING:
FLOOD BARRIER 2,5 M: 25 KG, FLOOD BARRIER 5 M: 48KG

BARRIER HEIGHT AFTER FILLING: 90 CM





> 10 M AND 20 M FLOOD MITIGATION DAM

THEY HAVE THE FORM OF A CLOSED WATER BASIN. THEY ARE MADE OF REINFORCED, BILATERALLY RUBBERIZED POLYESTER FABRIC. OWING TO THIS, THEY ARE PARTICULARLY RESISTANT TO A LONG-TERM INTERFERENCE OF WATER, AIR, AND UV RADIATION. THE MATERIALS APPLIED MAKE THAT THE DAM IS A MULTI-USE PRODUCT. IT IS DESIGNED TO BUILD FLOOD-MITIGATION WALLS OR TO RAISE THEM. THE SYSTEM OF STRIPS AND CONNECTORS ALLOWS TO CONNECT SLEEVES INTO VARIOUS CONFIGURATIONS AND LENGTHS. FORCING HOSES ARE USED TO FILL THE DAM, PROVIDED WITH A C 75 ROOT. THE DAM CAN BE FILLED WITH WATER FROM A HYDRANT, A FIRE TRUCK, OR FLOOD WATER CAN BE USED WITH VARIOUS TYPES OF PUMPS. THE DAM IS ALSO PROVIDED WITH HOLES ALLOWING THE MAINTENANCE AND DECONTAMINATION AFTER USE.

THEY PERFECTLY REPLACE BAGS WITH SAND

CAPACITY TO CONNECT ANY NUMBER OF SLEEVES IN VARIOUS CONFIGURATIONS (10 M AND 20 M SECTIONS)

WIDTH AT THE BASE 2 M

SWELLING HEIGHT 1 M

WEIGHT BEFORE FILLING 67 KG (10 M DAM), 120 KG (20 M DAM)

DAM CAPACITY CA. 16 M³ (10 M DAM) OR CA. 32 M³ (20 M DAM)







SPECIAL AND CHEMICAL PROTECTIVE CLOTHING

Protective clothing has been designed to protect your skin against the impact of chemical and biological warfare agents. This type of clothing is used for work in aggressive chemical environment as well as areas exposed to environmental disasters connected with production, storage and transport of toxic gases and liquids.

▶ TITANIA LIGHTWEIGHT BOMB SUIT

▶ CHEMICAL RESISTANT GARMENT

▶ CHEMICAL RESISTANT GARMENT



➤ TITANIA LIGHTWEIGHT BOMB SUIT

THE TITANIA LIGHTWEIGHT BOMB SUIT IS A FULL SPECIFICATION BOMB SUIT WITH DESIGN FOCUS ON COMFORT, FLEXIBILITY AND LIGHT WEIGHT. UNIQUELY THE SALLOPETTE STYLE TROUSERS ARE WORN OVER THE JACKET PROVIDING A GARMENT WITH NO FRONT OPENINGS AND AN UNINTERRUPTED FUNNEL EFFECT TO DISSIPATE THE EFFECTS OF BLAST. TITANIA CAN BE EASILY DONNED AND DOFFED BY THE WEARER WITHOUT THE NEED OF ASSISTANCE AND IS ESPECIALLY SUITED TO HOT AND HUMID CONDITIONS. THE TWO PART BLAST PLATES HAVE THE HIGHEST LEVEL OF PROTECTION OF ANY MAINSTREAM BOMB SUIT MANUFACTURER WITH A V50 OF 1944 M/SEC, 6395 FPS (STANAG 2920 17GR FSP AND ALSO MIL STD 662F) UNITED SHIELD OFFERS A FULL RANGE OF EOD ACCESSORIES INCLUDING HARD WIRE AND WIRELESS COMMUNICATIONS, COMPLETE COOLING SUITS, OPEN AND CLOSED FACE HELMETS, UTILITY BAGS ETC. ALL ARMOUR SOLUTIONS ARE INDEPENDENTLY TESTED AND FULL TEST DATA IS AVAILABLE FOR PERUSAL.

COMPONENTS

HELMET, BLAST PLATES, JACKET AND TROUSERS WITH INTEGRAL GROIN PROTECTOR.

ARMOUR SOLUTIONS

THE STANDARD SOFT ARMOUR SOLUTION INCORPORATED INTO THE SUIT IS CONSTRUCTED OF 100% PARA ARMID FABRIC AND PROVIDES FRAGMENTATION PROTECTION IN EXCESS OF V50 450 M/SEC. OTHER LEVELS OF PROTECTION CAN BE PROVIDED TO MEET CLIENT REQUIREMENTS.

SIZE AND WEIGHTS

A FULL SIZE RANGE IS AVAILABLE FROM SMALL TO X LARGE. THE SUIT WEIGHT COMPLETE WITH HELMET IS <25 KGS DEPENDING ON THE LEVEL OF PROTECTION AND SIZE.

COLOURS AND FABRICS

STANDARD COLOURS ARE OLIVE, GREY, BLACK AND SAND. OTHER COLOUR ARE AVAILABLE ON REQUEST SUBJECT TO AVAILABILITY. OUTER FABRIC IS NOMEX®.





PERFORMANCE AND WEIGHT
FRAGMENTATION PERFORMANCE (STANAG 2020 17GR SP)

- ▶ HELMET - 700 M/SEC
- ▶ VISOR - 750 M/SEC
- ▶ SUIT - 450 M/SEC
- ▶ BLAST PLATES - 1900 M/SEC (V0)
- ▶ MITTENS - 450 M/SEC
- ▶ OVERBOOTS - 450 M/SEC

WEIGHTS

- ▶ HELMET WITH VISOR - LESS THAN 5 KG
- ▶ GARMENT - 15 KG
- ▶ BLAST PLATES - 6 KG





CHEMICAL RESISTANT GARMENT

CLOTHING IS INTENDED TO PROTECT THE SKIN AGAINST CHEMICAL AND BIOLOGICAL WARFARE AGENTS, AND CAN BE USED FOR WORK IN CHEMICALLY AGGRESSIVE ENVIRONMENTS, AND FOR WORK DURING ECOLOGICAL DISASTERS CONNECTED WITH PRODUCTION, STORAGE AND TRANSPORT OF POISONOUS GASES AND LIQUIDS.

SIZE	I	II	III
PER HEIGHT	170 - 176 CM	176 - 182 CM	182 - 188 CM
TORSO SIZE	108 - 112 CM	112 - 116 CM	116 - 120 CM

AVAILABLE IN TWO VARIANTS:

L-1 TWO-PIECE CLOTHING

L-2 ONE-PIECE SUIT





> SPRAY GUARD

FEATURES

- GARMENTS MADE WITH WELDED OVER TAPED SEAMS.
- FOR NBC (NUCLEAR, BIOLOGICAL AND CHEMICAL PROTECTION)
- ANTI-STATIC MATERIAL
- ABSORBENT INNER FABRIC
- BATWING SLEEVE
- ZIPPER STORM FLAP
- BREATHER FABRIC
- THUMB & FINGER LOOP AS STANDARD

KEY APPLICATION:

- | | |
|---|--|
| ➤ MEDICAL APPLICATIONS | ➤ BIOMEDICAL RESEARCH |
| ➤ CORONERS | ➤ TERRAIN DECONTAMINATION |
| ➤ PEST CONTROL | ➤ MINERAL FIBRES (ASBESTOS) AND GLASS FIBRES |
| ➤ LEAD ELIMINATION PROCESSES | ➤ MAINTENANCE WORK |
| ➤ EMERGENCY INTERVENTIONS AFTER ACCIDENTS
WITH LOSS OF CHEMICALS | ➤ MINING |
| ➤ PHARMACEUTICAL AND PETROCHEMICAL COMPANIES | ➤ INDUSTRIAL CLEANING |
| ➤ PRODUCTION, TREATMENT AND SHIPMENT OF CHEMICALS | ➤ WOOD POWDER, ETC.. |
| ➤ ARMY, SCIENTIFIC POLICE, CRIME LAB | ➤ SURFACE REFINISHING, ETC... |
| ➤ WATER TREATMENT | ➤ WASTE TREATMENT |
| ➤ TRANSFORMATION, PREPARATION AND STORE OF FOOD
PRODUCTS | ➤ PAINTING AND REFINISHING OPERATION |
| | ➤ NUCLEAR POWER PLANT |

AVAILABLE VERSIONS

- | | |
|------------|--|
| ➤ COVERALL | ➤ FULLY ENCAPSULATED WITH PAPR
(EMERGENCY BREATHER AVAILABLE) |
|------------|--|

*LEG OPTIONS: ELASTICATED OR BOOTIES WITH ANTI-SLIP SOLE, LACES & COOPER STRIPS OR ATEX APPROVED FOOT





CHEMICAL PERMEATION EN ISO 6529 (EX. EN 369)

CHEMICAL	CAS	SPRAYGUARD
ACETIC ACID 30%	64-19-7	> 480
AMMONIUM HYDROXIDE 30%	1336-21-6	> 480
FORMIC ACID 30%	64-18-6	> 480
GLYCEROL	56-81-5	74
HYDROCHLORIC ACID 30%	7647-01-0	> 480
HYDROGEN PEROXIDE (30%)	7722-84-1	400
ISOPHORONE DIAMINE	2855-13-2	> 480
MERCURIC CHLORIDE (SAT'D)	7487-94-7	> 480
NITRIC ACID 30%	7697-37-2	> 480
PHOSPHORIC ACID 50%	7664-38-2	> 480
POTASSIUM CHROMATE (SAT'D)	7789-00-6	> 480
POTASSIUM CYANIDE (SAT'D)	151-50-8	> 480
POTASSIUM HYDROXIDE 40%	1310-58-3	> 480
SODIUM ACETATE (SAT'D)	127-09-3	> 480
SODIUM FLUORIDE (SAT'D)	7681-49-4	> 480
SODIUM HYDROXIDE 40%	1310-73-2	> 480
SODIUM HYPOCHLORITE (12% CHLORINE)	7681-52-9	> 480
SULPHURIC ACID 16%	7664-93-9	> 480
SULPHURIC ACID 30%	7664-93-9	> 480
SULPHURIC ACID 50%	7664-93-9	> 480

ALL TEST RESULTS QUOTED ARE FROM TESTING CARRIED OUT AT INDEPENDENT LABORATORIES TO THE RELEVANT CE STANDARD(S).

IMM= IMMEDIATE. NT= NOT TESTED. FIGURES=TIME IN MINUTES





> PORTABLE ANTI FRAGMENTATION COVER

A PORTABLE SHRAPNEL SHIELD IS DESIGNED TO MINIMIZE THE EFFECTS OF AN EXPLOSION. THE SHIELD REDUCES OR ENTIRELY ELIMINATES THE EFFECTS OF THE EXPLOSION CAUSED BY DEVICES CONTAINING EXPLOSIVES. IT PREVENTS SHRAPNEL SCATTERING, REDUCES THE SHOCK WAVE BY REDUCING OVERPRESSURE. THE DESIGN OF THE SHIELD PROVIDES ITS FAST DEPLOYMENT IN AIRPORTS OR PUBLIC UTILITY BUILDINGS, SUCH AS SCHOOLS, OFFICES, STADIUMS, AND OTHER PLACES AT RISK OF A TERRORIST ATTACK USING EXPLOSIVES.

THE SPECIFIC SHAPE OF THE SHIELD PROVIDES PROTECTION AGAINST V50 SHRAPNEL TRAVELLING AT A SPEED OF 850 TO 1100 M/S.





GAS MASKS

The use of gas masks is particularly important in the environments potentially exposed to contamination with harmful substances. They are used for protection of respiratory tract, eyes and skin of the face against toxic warfare agents and radioactive dust, as well as pathogenic bacteria and viruses.

▣ CBRN MASK

> CBRN MASK

WIDE FIELD OF VISION (> 94%) WITH REDUCED MISTING

LOW BREATHING RESISTANCE

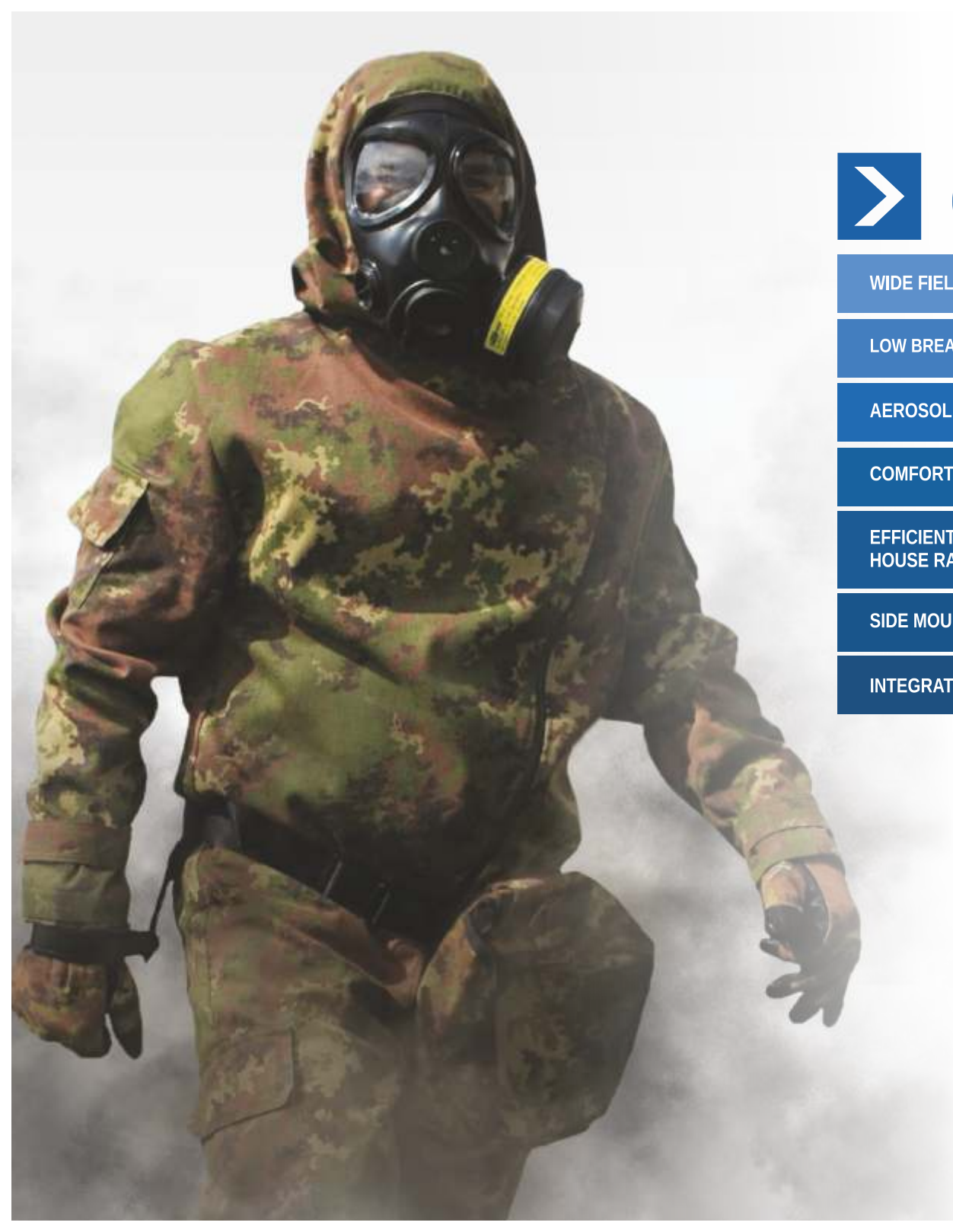
AEROSOL EFFICIENCY: > 99.007%

COMFORT WITH PROLONGED WEAR

EFFICIENT VOICE TRANSMISSION (CAN BE EQUIPPED TO
HOUSE RADIO COMMS)

SIDE MOUNTED FILTER FOR EASIER WEAPONS USE

INTEGRATED DRINKING TUBE FOR NBCR HYDRATATION SYSTEM





SPECIFICATION
CHEMICAL AGENT

	CONTAMINATION	PROTECTION TIME
VX LIQUID MUSTARD (CM)	10 G/M ²	> 24H
NERVE GASES	1000 MG/M ³ ; 50 L/MIN	35 MIN
HCN	2000 MG/M ³ ; 50 L/MIN	12,5 MIN





BULLETPROOF VESTS

Bulletproof vests, produced by Lubawa S.A., thanks to the use by various services, has been carefully checked and tested under different conditions.

▶ DELTA BASIC UN

▶ VIP



DELTA BASIC UN

DELTA BASIC BULLETPROOF VEST IS INTENDED FOR, AMONG OTHERS, NON-ARMED DIPLOMATIC FORMATIONS, JOURNALISTS

LIGHT BULLETPROOF VEST WITH INTEGRATED POUCHES FOR CARRYING FOUR BALLISTIC PLATES

ELASTIC AND SOFT BALLISTIC INSERTS - MAXIMUM PROTECTION IN IIIA CLASS IN ACCORDANCE WITH NIJ STANDARD 0101.04

FOUR HARD BULLETPROOF PLATES (TWO SMALL SIDE PLATES AND TWO LARGE FRONT AND BACK PLATES) – MAXIMUM PROTECTION IN CLASS III AND IV IN ACCORDANCE WITH NIJ 0101.04

TWO SMALL EXTERNAL POUCHES IN THE FRONT OF THE VEST FOR HARD BULLETPROOF SIDE PLATES

TWO LARGE INTERNAL POUCHES IN THE FRONT AND IN THE BACK OF THE VEST FOR LARGE HARD BULLETPROOF PLATES

ERGONOMICS OF USE IS ENSURED THROUGH A SYSTEM OF ELASTIC SIDE STRAPS INSIDE AND OUTSIDE THE VEST, AND THROUGH THE USE OF PADDED MESH FOR INCREASED VENTILATION

THE INSIDE ELASTIC STABILITY BELT ENSURES PROPER ADJUSTMENT OF THE VEST AND RELIEVING PRESSURE ON SHOULDERS BY DISTRIBUTING PART OF ITS WEIGHT TO HIPS

PROTECTION SURFACE OF A FULLY COMPLETE VEST WITH THE BASIC SOFT BALLISTIC PACKAGE EQUALS 0.43 M²

LOW WEIGHT, E.G. THE VEST IN COMPLETE VERSION IN PROTECTION CLASS IIIA IN ACCORDANCE WITH NIJ STANDARD 0101.04 WEIGHS ONLY 3.8 KG







VIP

VEST DESIGNED TO BE SECRETLY WORN DIRECTLY ON THE BODY

IDEAL PROTECTION FOR PEOPLE WHO APPRECIATE DISCRETION,
E.G. POLITICIANS AND BUSINESSMEN

PROTECTS THE MOST VITAL INTERNAL ORGANS AGAINST PROJECTILES AS
REGARDING K2 CLASS, AND AGAINST FRAGMENTS ON O3 CLASS

HIGH COMFORT OF USE PROVIDED BY THE ABILITY TO ADJUST THE SIZE OF
THE VEST BY MEANS OF VELCRO TAPES THAT WILL NOT DAMAGE THE
OUTWEAR SUCH AS SHIRTS

USER CONVENIENCE ASSURED BY HIGH-QUALITY MATERIALS, E.G. ANTIBACTERIAL
FABRIC WITH SILVER IONS INSIDE

BALLISTIC INSERTS SHAPES ALLOW MAXIMUM FREEDOM OF MOVEMENT WHILE
MAINTAINING THE LARGEST POSSIBLE PROTECTION AREA

USED MATERIALS ALLOW FOR VEST „BREATHING” AND DO NOT STAIN CLOTHES OR
CAUSE ALLERGIC REACTIONS

WEIGHT OF THE L-SIZED VEST IS ONLY 1,8 KG









HELMETS

Helmets, provided by Lubawa S.A., meet all the requirements of modern bullet-proof helmets and provide maximum protection for the user's head on the modern battlefield.

► **UN BLUE/MCH-MID**



UN BLUE/ MCH-MID

ULTRA-LIGHTWEIGHT HELMET FOR MAXIMUM PROTECTION OF THE HEAD ON THE MODERN BATTLEFIELD.

BULLETPROOF VEST DEFENDER IS DESIGNED FOR ARMED UNIFORMED FORMATIONS

MOLLE/PALS SYSTEM FOR ATTACHING POUCHES AND ACCESSORIES

VELCRO FASTENERS ON ARMS AND SIDES ENABLE THE USER TO RAPIDLY PUT ON AND REMOVE THE VEST

ERGONOMIC DESIGN FOR USER COMFORT, INCLUDES AN ELASTIC STRAP ADJUSTMENT SYSTEM AND A SPACER NET FOR BETTER VENTILATION

VERY LOW FLAMMABILITY THANKS TO ADVANCED MATERIALS

ADDITIONAL ELEMENTS ATTACHED TO THE VEST: UNDERBELLY PROTECTION, A THREE-PIECE COLLAR AND SHOULDER PROTECTION

VELCRO-ATTACHABLE SIGNS AT THE FRONT AND BACK OF THE VEST

SKYDEX CARTRIDGES PROVIDE INCREASED PROTECTION AGAINST DYNAMIC DEFLECTION OF THE HELMET, IMPROVE COMFORT, ARE RESISTANT TO LOW AND HIGH TEMPERATURES. THE INSERTS CAN BE WASHED IN REGULAR DETERGENTS, THE INSERTS DO NOT CAUSE ALLERGIC REACTIONS. THE HELMET IS RESISTANT TO WATER. MCH-MID LUBAWA IS AVAILABLE IN DIFFERENT COLORS.







MEDICAL BACKPACKS

The backpacks are dedicated primarily to medical and paramedical services. High quality of materials ensures durability and reliability even in the most extreme weather conditions. The backpacks have a large number of add-ons and can be further equipped according to specific needs.

►PSP R1 MEDICAL BAG



> PSP R1 MEDICAL BAG

PSP R1 MEDICAL BAG MEDICAL BAG DESIGNED ESPECIALLY FOR MEDICAL SERVICES. SPACIOUS MAIN COMPARTMENT OPENS WITH A ZIPPER RUNNING AROUND THE ENTIRE BAG. INNER PART DIVIDED INTO SIX COMPARTMENTS FASTENED WITH A ZIPPER. POCKETS ATTACHED TO THE BASE BY MEANS OF VELCRO STRAPS ALLOW FOR QUICK ATTACHING AND DETACHING, AS WELL AS FOR EASY TRANSPORT USING THE HANDLES. THE MODULAR DESIGN OF THE POCKETS ALLOWS FOR A FLEXIBLE CONFIGURATION OF THE CONTENTS OF THE BAG. EACH COMPARTMENT ENABLES CLEAR SEGREGATION OF EQUIPMENT AND EASY LOCATING OF THE NECESSARY EQUIPMENT THROUGH TRANSPARENT COVERS. INSIDE A SPECIAL SPACE FOR OXYGEN TANK. MESH POCKETS ON THE SIDE WALLS FOR SMALL ITEMS. THREE COMPARTMENTS ON THE OUTSIDE, FASTENED WITH A ZIPPER. OUTER POCKETS ATTACHED TO THE BASE WITH ZIPPERS THAT ALLOW FOR QUICK ATTACHING AND DETACHING, AS WELL AS FOR EASY TRANSPORT USING THE HANDLES. ADDITIONAL FOUR POCKETS ON THE SIDE WALLS, FASTENED WITH A ZIPPER. THE BOTTOM OF THE BAG IS REINFORCED, RESISTANT TO ABRASION AND WATERPROOF DUE TO THE RUBBERISED FABRIC. IT IS ADDITIONALLY SECURED WITH RUBBER FEET. THE BACK OF THE BACKPACK IS LINED WITH FOAM. VIVID DETAILS AND PRISMATIC TAPE MARKING ENSURE SAFETY AND VISIBILITY ALSO DURING THE RESCUE OPERATION AT NIGHT.

CARRYING SYSTEM:

BACKPACK – ADJUSTABLE, FOAM-PADDED, LINED WITH BREATHABLE SPACER FABRIC SHOULDER STRAPS AND WAIST BELT ALLOW FOR COMFORTABLE BACKPACK CARRYING AND MAKE IT FIT TO THE BODY. SHOULDER STRAPS CAN BE FASTENED TOGETHER WITH A STERNUM STRAP.

BAG – TWO HANDLES MADE OF PLASTIC ALLOW THE USER TO CARRY THE BACKPACK IN HAND (TOP AND SIDE HANDLE)

CASE – WHEELS MOUNTED ON THE BOTTOM OF THE BACKPACK AND A HANDLE ALLOW FOR COMFORTABLE PULLING OF THE BACKPACK ON THE GROUND

THE THREE METHODS OF CARRYING THE BACKPACK ALLOW THE EMERGENCY RESPONDER TO WORK IN EVERY ENVIRONMENT, IN WHICH THE RESCUE OPERATION TAKES PLACE, AS WELL AS TO WALK A LONG DISTANCE WITH THE LOADED BAG.





MATERIAL:

BACKPACK MADE OF CORDURA 1100. ROBUST BUCKLES. WIDE YKK ZIPPERS AND SLIDERS GUARANTEE RELIABLE AND SMOOTH OPENING OF COMPARTMENTS AND POCKETS. RUBBER BANDS FOR SECURING SMALLER ITEMS IN PLACE. BACKPACK FULLY LINED WITH FOAM.

USED TECHNOLOGY:

BAG MADE BY MEANS OF SEWING. SMOOTH SEWN SURFACES, WITH NO WRINKLES OR BROKEN STITCHES.

- ✦ WIDTH: 400 MM
- ✦ DEPTH: 320 MM
- ✦ HEIGHT: 800 MM
- ✦ CAPACITY: 100 L





RESCUE SLED

▣ INFLATABLE RESCUE SLED



➤ INFLATABLE RESCUE SLED

INFLATABLE RESCUE SLED INFLATABLE RESCUE SLEDS ARE MADE OF EXTREMELY DURABLE AND DAMAGE-RESISTANT FABRIC COATED WITH HYPALON, WHICH GIVES THE SLED VERY HIGH RESISTANCE TO ABRASION AND PUNCTURING, FOR EXAMPLE, RESULTING FROM CONTACT WITH THE ROUGH SURFACE OF ICE. THANKS TO THIS, USERS OF THIS EQUIPMENT ARE CONVINCED OF ITS RELIABILITY AND HIGH DURABILITY. ADDITIONAL EXTRA-SMOOTH STRIPS PLACED AT THE BOTTOM OF EACH LONGITUDINAL ELEMENT IMPROVE MOVEMENT OF THE UNIT ON THE SURFACE OF ICE, ALLOWING FASTER ACCESS TO THE VICTIM. THE FLEXIBLE TUBE BENDS IN A CONTROLLED MANNER, ALLOWING UNIFORM MOVEMENT OF THE UNIT ON THE SURFACE OF ICE, IRRESPECTIVE OF ITS IRREGULARITIES.

AT BOTH TOP PARTS THE SLED IS EQUIPPED WITH THREE ANCHOR POINTS FOR FIRM ATTACHMENT OF LEADING LINE, ENSURING SUPPORT OF THE RESCUE OPERATION FROM THE SHORE. THE SLED IS EQUIPPED WITH TWO PADDLES THAT ALLOW TO MOVE IT TO THE VICTIM BY ALTERNATING ROWING. THE FLOOR OF THE SLED IS MADE OF RIGID PVC FOAM MODULES. IT IS POSITIONED DIRECTLY OVER THE SURFACE OF WATER OR ICE, WHICH MAKES IT EASY TO PULL THE VICTIM OUT, WITHOUT HAVING TO LEAN OUT OVER THE SIDE, AS IN THE CASE OF, I.E. LIFEBOATS. THIS IS PARTICULARLY USEFUL IN SITUATION WHERE THE VICTIM IS SUSPECTED TO HAVE SUFFERED SPINAL INJURY AND THUS IRREVERSIBLE CHANGES MIGHT OCCUR IN CASE OF ADDITIONAL DISLOCATION OF VERTEBRAE. THE LINE ATTACHED TO THE OUTER EDGE OF THE SLED CAN BE EASILY GRASPED BY THE DROWNING PERSON. INSIDE THE RESCUE AREA THERE ARE ALSO A NUMBER OF BELTS ALLOWING, AMONG OTHERS, PROPER FASTENING FOR THE PASSENGERS. THE TOP AREAS ARE EQUIPPED WITH HANDLES FOR LEADING THE SLED AND WITH SAFETY TO ATTACH A LINE CONNECTED TO THE EMERGENCY BELT, WHICH

THE UNIT CAN BE FILLED USING A CYLINDER WITH COMPRESSED AIR, BY A FOOT BELLOWS OR COMPRESSOR. THE SYSTEM IS FILLED WITHIN A COUPLE OF SECONDS, WHICH IS CRUCIAL IN RESCUE OPERATIONS. THE UNDENIABLE ADVANTAGE OF THE PNEUMATIC SOLUTIONS IS THE SMALL SIZE OF THE EQUIPMENT AFTER FOLDING, WHICH ALLOWS MUCH EASIER TRANSPORT AND ELIMINATES THE NEED FOR ADDITIONAL HOLDING AND CARRYING LONG, OVERSIZED ELEMENTS.

SPECIFICATION:

- WEIGHT: 40KG
- LENGTH: 4,7 M
- WIDTH: 4,7 M
- RESCUE FLOOR LENGTH: 2,5 M
- RESCUE FLOOR WIDTH: 0,66 M
- DIAMETER OF THE TUBE: 0,38 M
- DIMENSIONS WHEN FOLDED: 1 X 0,65X 0,45 M







**SAFETY
AND SECURITY
GUARANTEED**