

Waterproof protection system for the evacuation of injured persons



The WPRS protects injured persons who are secured on a stretcher for transport from contact with water and thus from drowning and hypothermia. Especially during transfer procedures, for example during a distress at sea from a ship to a rescue vessel or during flood rescue operations from a house to a boat, there is a risk that the stretcher will fall into the water, putting the injured person's life in acute danger. In this situation, the WPRS ensures that the injured person continues to be supplied with breathing air and that the stretcher remains afloat thanks to its waterproof cover and the air enclosed in it. The cover can be opened and closed with a waterproof zip on three sides. If you open the zip over its entire length, you can unfold the system completely. One of the long sides remains closed like a hinge.

The waterproof protection system is friction-locked attached to the roll-up stretcher (not part of the scope of delivery) with straps. Fastening straps (scope of delivery) are used for this purpose. The injured person is secured inside the cover by means of robust thimbles

and the original harness system of the stretcher. There is enough space inside for a vacuum mattress, if required (not included in the scope of delivery). The proven personal safety is therefore not impaired by the WPRS.

In the area of the head, the waterproof cover is made of transparent material. This viewing window serves on the one hand the comfort of the injured person and on the other hand their observation by the rescue forces.

A special arch construction ensures that the foil does not touch the patient's face.

For the purpose of treatment, the head area can be opened via a separate waterproof zip without having to open the rest of the cover or unbuckle the straps.

Inside the waterproof protection system is a fleece blanket to protect the patient from contact cold. The blanket has an insertion compartment in the head area for a pillow and is connected to the protective cover via velcro connections to protect against slipping.

The WPRS is mainly made of robust CORDURA® in stonegrey-olive. Large parts of the surface are equipped with lasered MOLLE grids. Optional accessories, such as an AIS emergency transmitter, can be mounted here. Reflective strips equipped with Velcro can be easily

removed if required by the tactics. Additional buoyancy material is fitted in the foot area for improved water position. The floor is made of a black, high-strength polyamide fabric to protect against damage from boots, belts, the stretcher itself, rough surfaces and the like. In addition to the transparent film described above, the cover in the head area is made of GORE-TEX® ARID LITE AIR. This is a waterproof and breathable three-layer laminate. If circumstances require the cover to remain

completely closed for a long time, a compressed air cylinder can be connected to the system to supply fresh air. An inlet valve is located at abdominal area and an outlet valve at the head area of the protection system. The compressed air cylinder can be stored in the stowage compartment with MOLLE grid in the foot area.

General Information	
Type	Waterproof Rescue Sack (WPRS)
Part No.	17130
Colour	Stonegrey-olive
Weight	Approx. 4,8 kg
Dimensions (L x W x H)	205 x 70 x 25 (in the foot area) up to 50 cm (50 cm in the head area)
Packsize	70 x 40 x 20 cm

Waterproof protection system			
Main material	Polyamid 6.6 CORDURA®, stonegrey-olive	Three-layer laminate	GORE-TEX® ARID LITE AIR
Ground material	Polyamid 6.6, high strength, black		
Inlet valve	•(int)	Outlet valve	•

• standard /◊ optional /– not available

Fleece blanket			
Material	Polyester	Colour	Black



Interior with fleece blanket and leg slings



Head area with arch construction and viewing window



Head area, opened



Head area, back view, with (removable) reflective stripes and fleece-surface with MOLLE



Pressure relief valve (built-in in the viewing window)



Inlet valve (built-in in the abdominal area)



Arch construction (Side view)



Fleece blanket with velcro fixation



Stowage compartment with MOLLE grid (top view)



Stowage compartment with MOLLE grid (viewed from diagonally above)