



For Lithuanian public tender of Priešgaisrinės apsaugos ir gelbėjimo departamentas prie Vidaus reikalų ministerijos

31st March 2025

## **SEARCH AND RESCUE SET**

### **TECHNICAL DATA SHEET**

Designed to safely and professionally perform rescue work in water, on water and on ice. Protect the rescuer's body from heat loss during search and rescue operations in water and/or on ice.

Consists of:

- dry suit (intended for use in the cold season), 1 pc.;
- hanger for dry suit, 1 pc.;
- materials required for the operation of a dry suit:
  - zipper lubricant;
  - talcum powder;
  - repair patches and glue.
- wet type wetsuit (intended for use in the warm period of the year), 1 pc.;
- hanger for a wet wetsuit, 1 pc.;
- neoprene hood, 1 pc.;
- neoprene gloves, 1 pair;
- neoprene shoes, 1 pair;
- shoe protection against slipping on ice, 1 pair;
- underwear, 1 set;
- transport bag, 1 pc.;
- diving mask, 1 pc.;
- diving tube, 1 pc.;
- fins, 1 pair;
- helmet, 1 pc.;
- lights and their holders attached to the helmet, 2 pcs.;
- disposable bag with rope, 1 pc.;
- multifunctional rescue vest, 1 pc.;
- rescue knife, 1 pc.



+44 (0) 1257 25 44 44

Registered Office : Northern Diver Ltd. East Quarry, Appley Lane North, Appley Bridge, Wigan, WN6 9AE, UK

## Technical parameters.

1.	<b>Dry suit: NORTHERN DIVER STORM FORCE 5 RESCUE SUIT</b>
1.1.	A dry suit, together with hermetically attached neck and wrist cuffs, shoes, meet the requirements of LST 14225-2:2017 standard for material, seams, connections and have a declaration of conformity.
1.2.	A dry suit for rescue services, made of a material of three layers of Cordura material, with a density of 400 grams per square centimeter (g/cm2)
1.3.	The neck and wrist cuffs of the dry suit are made of neoprene, which ensure water and air tightness and tightness of the suit when worn by the rescuer and when performing rescue operations in water.
1.4.	The costume is bright, visible from a distance and distinguishable in red.
1.5.	A dry suit has a reusable zipper for fastening the suit in the front chest part of the suit, which ensures the tightness of the suit during rescue operations in water and has additional protection against mechanical impact;
1.6.	The dry suit has retro-reflective fluorescent strips in two places on the upper part of the suit (cuffs, and back area)
1.7.	A dry suit has knee protectors made of reinforced Kevlar, the fastenings of which do not damage the hermeticity and integrity of the suit;
1.8.	A dry suit has hermetically sealed, waterproof boots for work in water and on ice.
1.9.	On the back of the suit contrasting color inscription "GELBÉTOJAS"
1.10	NORTHERN DIVER Drysuit Hanger for drying and storing drysuit
1.11.	Included materials required for suit: zipper lubricant talcum powder repair patches repair glue
2.	<b>Wet type wetsuit: NORTHERN DIVER ESR Wetsuit 5mm</b>
2.1.	The wetsuit is designed for professional lifeguard work in the water during the warm season;
2.2.	The wetsuit is made of neoprene, which is 5mm thickness.
2.3.	A wetsuit has padded knee and elbow protectors, the fastenings of which do not damage the hermeticity and integrity of the suit;
2.4.	The wetsuit is brightly colored to make it easier to see in low visibility conditions;
2.5.	A wetsuit has reflective elements visible from the front and back
2.6.	The zipper on the front of the wetsuit, the suit easy to put on without the help of another person;
2.7.	The wetsuit has zippers in the wrist and ankle area to facilitate putting on the wetsuit
2.8.	The neck closure of a wetsuit velcro-type;
2.9.	Hanger for drying and storing suit NORTHERN DIVER Multi Purpose Hanger;
2.10.	On the back of the suit contrasting color "GELBÉTOJAS"
3.	<b>Neoprene hood: NORTHERN DIVER NEOPRENE DIVE HOOD</b>
3.1.	Designed to protect the rescuer's head and neck area in sub-zero air and low water temperatures, when rescue work is carried out in water;
3.2.	Made of neoprene with a thickness of 6.5 mm
3.3.	Adapted to work with a diving mask;
4.	<b>Neoprene gloves: NORTHERN DIVER GLOVES KEVLAR</b>
4.1.	Neoprene with kevlar reinforcement, 5 millimeters (mm) thick
4.2.	designed to perform rescue work in sub-zero weather and low water temperature;
4.3.	five fingers;
4.4.	reinforced kevlar in the palm area;
4.5.	double cuff systems;



+44 (0) 1257 25 44 44

Registered Office : Northern Diver Ltd. East Quarry, Appley Lane North, Appley Bridge, Wigan, WN6 9AE, UK

<b>5.</b>	<b>Neoprene boots: NORTHERN DIVER WET SUIT BOOTS</b>
5.1.	Wet-type boots, suitable for use with wet-type wetsuits, made of 5 mm neoprene, with rubber soles.
5.2.	The boots are suitable for use with the fins used in the set;
5.3.	The boots have a zipper that allows the shoes to be put on and taken off comfortably;
5.4.	Hard soles for walking on ice, rocky shore;
5.5.	The boots come with a shoe protector against slipping on the ice (easy to put on and take off the boots, ensuring good grip in all directions) RUNOS SHOE SPIKES / TRACTION CLEATS
<b>6.</b>	<b>Undersuit: NORTHERN DIVER METALUX ARCTIC UNDERSUIT</b>
6.1.	The rescuer's underwear protects the rescuer's body from heat loss at sub-zero air and low water temperatures, when rescue work is carried out in water or on ice;
6.2.	One-piece (overall-type);
6.3.	Have elastic cuffs and leg loops;
6.4.	The set of material components used in the manufacture of lifeguard underwear consists of the following layers: an outer material, a heat-insulating lining and a lining.
6.5.	Outer material:
6.5.1.	Made of nylon and protects the firefighter from ingress of liquids;
6.5.2.	Easy to slide and comfortable to put on and take off the suit.
6.6.	Heat insulating insert:
6.6.1.	Made of synthetic fiber and protect the user from heat loss in sub-zero air and low water temperatures when rescue work is carried out in water;
6.6.2.	the density of heat-insulating fabric 300 grams per square centimeter (g/cm <sup>2</sup> ).
6.7.	Socks NORTHERN DIVER NEOPRENE SOCKS:
6.7.1.	Socks protect the rescuer's feet from heat loss in sub-zero air and low water temperatures, when rescue work is carried out in water or on ice;
6.7.2.	Made of neoprene material with a thickness of 5 millimeters (mm);
<b>7.</b>	<b>Transport bag: NORTHERN DIVER MILITARY HOLDALL BAG</b>
7.1.	bag for transporting the suit.
7.2.	<p>Equipment conveniently placed in the bag:</p> <ul style="list-style-type: none"> <li>• dry or wet suit (depending on the season), 1 piece;</li> <li>• wet type wetsuit (intended for use in the warm period of the year), 1 pc.;</li> <li>• neoprene hood, 1 pc.;</li> <li>• neoprene gloves, 1 pair;</li> <li>• neoprene shoes (only when a wetsuit is included), 1 pair;</li> <li>• underwear (only when a dry suit is included), 1 set;</li> <li>• diving mask, 1 pc.;</li> <li>• diving tube, 1 pc.;</li> <li>• fins, 1 pair;</li> <li>• helmet, 1 pc.;</li> <li>• disposable bag with rope, 1 pc.;</li> <li>• multifunctional rescue vest, 1 pc.</li> </ul>
<b>8.</b>	<b>Diving mask: NORTHERN DIVER DEEP VISION MASK</b>
8.1.	the soft part of the mask is made of silicone;
8.2.	the mask anatomically shaped;
8.3.	lenses two-piece, tempered glass;
8.4.	mask straps are adjustable;
8.5.	have a holder for the breathing tube;
8.6.	have CE marking;
8.7.	compatible with other equipment described in this specification.
<b>9.</b>	<b>Diving tube: NORTHERN DIVER DRY PURGED SNORKEL</b>
9.1.	plastic tube;



+44 (0) 1257 25 44 44

Registered Office : Northern Diver Ltd. East Quarry, Appley Lane North, Appley Bridge, Wigan, WN6 9AE, UK

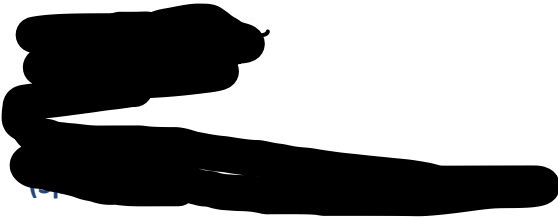
9.2.	silicone mouthpiece;
9.3.	have a non-return valve;
9.4.	protected against water entering the tube by complete submersion.
9.5.	compatible with other equipment described in this specification.
<b>10.</b>	<b>Fins: NORTHERN DIVER POWER FIN YELL</b>
10.1.	fins made of rubber;
10.2.	fins shortened for technical diving;
10.3.	the fins open heel type;
10.4.	fins have adjustable length and replaceable straps;
10.5.	compatible with other equipment described in this specification.
<b>11.</b>	<b>Helmet: NORTHERN DIVER MANTA HELMET MH4 RED</b>
11.1.	helmet is designed for rescue work in water and on ice;
11.2.	have CE marking;
11.3.	The helmet meets the requirements of EN 16473:2014, EN 16471:2014, EN 166:2002 standards
11.4.	designed to protect the head, back of the head from injuries;
11.5.	inner layer of water-resistant material;
11.6.	the size is adjustable;
11.7.	sides of the helmet have 2 NORTHERN DIVER Universal Helmet Mount (flashlight holders) with 2 flashlights TDS DIVE ALTAIR S1000 LED TORCH
11.7.1.	the luminous flux created by the flashlights is 200 lm;
11.7.2.	flashlight operation time (with one charge) 15 hours;
11.7.3.	the flashlight is suitable for working underwater.
<b>12.</b>	<b>Throwaway bag with rope: NORTHERN DIVER THROW BAG 25M WITH REFLECTIVE LINE</b>
12.1.	rope is 25m long;
12.2.	the throwable rescue rope is special for rescue services;
12.3.	the rope has a bright color with reflective elements and positive buoyancy;
12.4.	the rope is 8 mm;
12.5.	the rope basket is made from rip-stop material, strong, tear resistant, floating;
12.6.	the rope bag has reflective elements;
12.7.	the rope bag has a waist belt with a quick-release buckle;
12.8.	the rope bag can be quickly removed from the waist belt.
<b>13.</b>	<b>Multi-functional life jacket: NORTHERN DIVER EVOPRO6 PFD</b>
13.1.	A special lifeguard vest that ensures buoyancy for rescue operations in water, on water and on ice;
13.2.	The life jacket meets the safety requirements and standards EN 12402-5:2020 and EN 12402-6:2020
13.3.	The vest is adjustable and fastens with 4 belts and quick connectors;
13.4.	The front and back of the vest have reflective elements;
13.5.	The vest is equipped with an integrated encircling safety belt, which ensures the safe extraction of the rescuer from the water;
13.6.	The back area of the vest is equipped with an attachment loop with an extended carabiner, meeting the requirements of EN 12275:2013 and EN 362:2004/B standards for attaching a safety rope;
13.7.	In the back area of the vest, there is an easily removable reflective inscription "GELBÉTOJAS"
13.8.	The front of the vest has 2 velcro closable pockets for storing communication equipment and tools;
13.9.	The vest has an additional fastener in the front with a quick release function for unfastening the safety belt around the rescuer;
13.10.	The front of the vest has two mounting points for lights and communication devices.
<b>14.</b>	<b>Rescue knife: NORTHERN DIVER SQUEEZE SECURE KNIFE</b>



+44 (0) 1257 25 44 44

Registered Office : Northern Diver Ltd. East Quarry, Appley Lane North, Appley Bridge, Wigan, WN6 9AE, UK

14.1.	knife is intended for lifeguard work in water, suitable for cutting nets, ropes, resistant to corrosion;
14.2.	blade is 75 mm long;
14.3.	a double-sided blade, one side of which is serrated;
14.4.	the handle of the knife is brightly colored;
14.5.	come with a holster that attaches to the arm or leg of wetsuits and can be attached to a multi-functional life jacket.



e-mail - [Craig@NDiver.com](mailto:Craig@NDiver.com)

Direct Line – 0044 1257 256 934

Mobile – 0044 7854 252 013



+44 (0) 1257 25 44 44

Registered Office : Northern Diver Ltd. East Quarry, Appley Lane North, Appley Bridge, Wigan, WN6 9AE, UK