DRYSUITS FOR CONTAMINATED WATER DIVING

HAZMAT ENVIRO
ENVIRO HYBRID

Field-Proven Drywear for Professionals
HAZMAT PS DRYSUITS
PUBLIC SAFETY HAZMAT DIVER

FEATURES
• Chemical resistant polyurethane inside and out
• Interior and exterior tape welded seams
• Tear and puncture resistant nylon core
• Attached 7mm neoprene comfort boots
• Permanently attached round SLT wrist rings with replaceable Polytex Pro wrist seals
• Permanently attached SLT neck ring with Polytex hood and neckseal combo
• Apeks contaminated water dual exhaust valve and standard inlet inflation valve
• Easy to clean and decontaminate inside and out
• Includes hood liner, internal suspenders, inflator hose, HAZMAT patch kit and a drysuit bag

SIZES
XS, S, SK, M, MT, L, LT, XL, XLK, 2XL, 3XL, 4XL
See online size chart for size specific measurements.

PART # | DESCRIPTION | COLOR
--- | --- | ---
611983 | HAZMAT PS Drysuit - MTM (made to order) | Red / Black
611984 | HAZMAT PS Drysuit - MTM (made to measure) | Red / Black
611985 | HAZMAT PS Drysuit - MTO (made to order) | Black
611986 | HAZMAT PS Drysuit - MTO (made to measure) | Black

AQUA-LUNG HAZMAT MULTI-LAMINATE
Fully sealed chemically resistant polyurethane
Interior and exterior tape welded seams
Tear and puncture resistant nylon core
Outer fully sealed washable, chemically resistant polyurethane layer

HAZMAT COM DRYSUITS
COMMERCIAL HAZMAT DIVER

FEATURES
• Chemical resistant polyurethane inside and out
• Interior and exterior tape welded seams
• Tear and puncture resistant nylon core
• Heavy duty attached poly boots
• Permanently attached round SLT wrist rings with replaceable Polytex Pro wrist seals
• Apeks contaminated water dual exhaust valve and standard inlet inflation valve
• Suit is supplied with choice of attached helmet yoke:
  Aqua Lung/Gorski G3000SS
  Kirby Morgan - All helmets
  Miller, Desco Airhat
• Easy to clean and decontaminate inside and out
• Includes internal suspenders, inflator hose, HAZMAT patch kit and a drysuit bag

SIZES
XS, S, SK, M, MT, L, LT, XL, XLK, 2XL, 3XL, 4XL
See online size chart for size specific measurements.

PART # | DESCRIPTION | COLOR
--- | --- | ---
611987 | HAZMAT COM Drysuit - MTO (made to order) | Red / Black
611988 | HAZMAT COM Drysuit - MTO (made to measure) | Red / Black
611989 | HAZMAT COM Drysuit - MTO (made to order) | Black
611990 | HAZMAT COM Drysuit - MTO (made to measure) | Black
ENVIRO DRYSUITS
MODERATELY CONTAMINATED WATER (MCW) DIVER

FEATURES
• Chemical resistant polyurethane outer surface
• Sewn and exterior tape welded seams
• Tear and puncture resistant nylon inner surface
• Attached 7 mm neoprene comfort boots
• Permanently attached round SLT wrist rings with replaceable Polytex Pro wrist seals
• Permanently attached SLT neck ring with Polytex hood and neckseal combo
• Apeks standard exhaust valve and standard inlet inflation valve
• Includes hood liner, internal suspenders, inflator hose, HAZMAT patch kit and a drysuit bag

SIZES
XS, S, SK, M, MT, MK, L, LT, LK, XL, XLK, 2XL, 3XL, 4XL
See online size chart for size specific measurements.

AQUA-LUNG ENVIRO BI-LAMINATE
Tear and puncture resistant nylon interior
Outer fully sealed washable, polyurethane layer
Smooth exterior seams

ENVIRO HYBRID DRYSUITS
MOBILITY AND DURABILITY FOR MCW* DIVER

FEATURES
• HAZMAT multi-laminate bottom for superior puncture and abrasion resistance
• ENVIRO bi-laminate top for superior mobility and flexibility
• Chemical resistant polyurethane outer surface
• Exterior tape welded seams
• Tear and puncture resistant nylon inner surface
• Attached 7 mm neoprene comfort boots
• Permanently attached round SLT wrist rings with replaceable Polytex Pro wrist seals
• Permanently attached SLT neck ring with Polytex hood and neckseal combo
• Apeks standard exhaust valve and standard inlet inflation valve
• Includes hood liner, internal suspenders, inflator hose, HAZMAT patch kit and a drysuit bag

SIZES
XS, S, SK, M, MT, MK, L, LT, LK, XL, XLK, 2XL, 3XL, 4XL
See online size chart for size specific measurements.

* Moderately Contaminated Water
THERMAL FUSION UNDERGARMENT

FEATURES
• Thermal Fusion is great for use with all drysuits
• Integrated pockets
• Easy access comfort zip with P-valve compatibility
• Compression skin encapsulates the inner thermal core, delivering extreme mobility and superior warmth
• Aqua Lung’s ATS (Air Transfer System) facilitates the effective transport of air throughout the Thermal Fusion allowing effortless drysuit venting
• Strategically placed 3D hi-flo mesh panels located at the inflate and exhaust valve locations increases airflow, padding and insulation
• Thermal performance independently lab tested by Sport Innovation Center (SPIN)
• Thumb loops and stirrups for easy donning

MATERIALS
• Polartec Power Stretch Pro outer skin
• Polartec 200 fleece core
• Machine washable

SIZES
Stock sizes only: 2XS/XS, S/M, L/XL, 2XL/3XL, 4XL+

MK2 ONE PIECE UNDERGARMENT / JACKET

UNDERGARMENT FEATURES
• Layer with MK2 Jacket, MK1 or MK0 Undergarments
• Removable sleeves
• 2 zippered vertical chest pockets
• 2 large fleece-lined hand warming pockets
• Thumb loops and stirrups for easy donning
• Non-corroding YKK zippers used throughout
• 2-way zippered rear convenience panel
• 2-way torso/convenience zipper
• 1mm Lycra®/neoprene 2-way stretch expansion panels at waist and above knees for optimal mobility

MATERIALS
• Breathable, moisture wicking, insulating polar fleece lining
• StormProof 70 denier ripstop water resistant nylon

SIZES (ONE PIECE AND JACKET)
Stock sizes only: XS, S, M, L, XL, 2XL, 3XL

JACKET FEATURES
• Complement with undergarments
• Removable sleeves
• 2 zippered chest pockets
• 2 large fleece-lined hand warming pockets
• Thumb loops for easy donning
• Non-corroding YKK zippers used throughout
• 2-way torso/convenience zipper
• Storm shield face guard with fleece liner
• Zip off, fully adjustable, storm hood
• Internal hood flap with adjustable face seal

MK1 UNDERGARMENT

FEATURES
• Breathable, moisture-wicking, micro fleece
• Spandex content results in extreme stretch; no need for king sizes
• Smooth Lycra® stirrups and elastic thumb loops
• Rear convenience flap
• 2-way torso entry/relief zipper
• Non-corroding YKK zippers
• Designed as a wicking base layer or a primary layer in warm tropical waters above 70°F (21°C) water temperature

MATERIALS
• Breathable, moisture-wicking polypropylene micro fleece
• Easy care

SIZES
Stock sizes only; XS, S, M, L, XL, 2XL
# Contaminated Water Diving - Categories & Equipment

<table>
<thead>
<tr>
<th>Contaminated Water Categories</th>
<th>Contaminated Water Diving (CWD) Definitions</th>
<th>Recommended Levels of Protection for CWD</th>
<th>Recommended Drysuit</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAT 1</td>
<td>a. Grossly contaminated water</td>
<td>• Surface-supply diving helmet</td>
<td>HAZMAT COM</td>
</tr>
<tr>
<td></td>
<td>b. Extreme risk of injury to unprotected diver</td>
<td>• Drysuit with: Double exhaust valve,</td>
<td></td>
</tr>
<tr>
<td></td>
<td>c. Full encapsulation of diver required</td>
<td>Attached boots and helmet yoke/neck dam,</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Dry gloves attached with cuff ring system</td>
<td></td>
</tr>
<tr>
<td>CAT 2</td>
<td>a. Heavily contaminated water</td>
<td>• Surface-supply diving helmet</td>
<td>HAZMAT COM</td>
</tr>
<tr>
<td></td>
<td>b. High risk of injury to unprotected diver</td>
<td>• Drysuit with: Double exhaust valve,</td>
<td></td>
</tr>
<tr>
<td></td>
<td>c. Full encapsulation of diver required</td>
<td>Attached boots and helmet yoke/neck dam,</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Dry gloves attached with cuff ring system</td>
<td></td>
</tr>
<tr>
<td>CAT 3</td>
<td>a. Moderately Contaminated Water (MCW)*</td>
<td>• Surface-supply or SCUBA</td>
<td>HAZMAT PS or ENVIRO HYBRID or ENVIRO</td>
</tr>
<tr>
<td></td>
<td>b. Some risk to diver, especially if ingested</td>
<td>• Full Face Mask (FFM) required at minimum</td>
<td></td>
</tr>
<tr>
<td></td>
<td>c. Full Face Mask (skin covered as necessary)</td>
<td>• Skin protection as determined by risk assessment</td>
<td></td>
</tr>
<tr>
<td></td>
<td>* May include biological and light oil/gasoline contamination</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CAT 4</td>
<td>a. Baseline contamination</td>
<td>• No special requirements</td>
<td></td>
</tr>
<tr>
<td></td>
<td>b. Low risk of injury from contaminants</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>c. Standard (normal) diving dress</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>


When using a FFM (SCUBA or lightweight surface supply)..."for diving in a CAT 3 environment the bailout configuration should include an easily accessible, diver-operated, block for switching to the bailout gas supply without the need to remove the FFM."

Reference publication: Canadian Standard Z275.2-15, Occupational Safety Code for Diving Operations, Interpretation #1, Diving in Contaminated Environments

---

### Contaminated Water Categories

- **CAT 1**
  - Grossly contaminated water
  - Extreme risk of injury to unprotected diver
  - Full encapsulation of diver required
  - Surface-supply diving helmet
  - Drysuit with: Double exhaust valve, Attached boots and helmet yoke/neck dam, Dry gloves attached with cuff ring system
  - **HAZMAT COM**

- **CAT 2**
  - Heavily contaminated water
  - High risk of injury to unprotected diver
  - Full encapsulation of diver required
  - Surface-supply diving helmet
  - Drysuit with: Double exhaust valve, Attached boots and helmet yoke/neck dam, Dry gloves attached with cuff ring system
  - **HAZMAT COM**

- **CAT 3**
  - Moderately Contaminated Water (MCW)*
  - Some risk to diver, especially if ingested
  - Full Face Mask (skin covered as necessary)
  - Surface-supply or SCUBA
  - Full Face Mask (FFM) required at minimum
  - Skin protection as determined by risk assessment
  - **HAZMAT PS or ENVIRO HYBRID or ENVIRO**

- **CAT 4**
  - Baseline contamination
  - Low risk of injury from contaminants
  - Standard (normal) diving dress
  - No special requirements

---

**HAZMAT COM**

**HAZMAT PS**

**ENVIRO HYBRID**

**ENVIRO**

---

Aqua Lung Drywear - “The Legacy Continues...”
DRYSUIT OPTIONS

STEEL TOE/SHANK BOOTS
Heavy duty steel toe and shank boot. Chemical testing data available. Available on HAZMAT drysuit only.

HEAVY DUTY POLY BOOTS
Heavy duty sole for excellent grip. Available on HAZMAT drysuit only.

COMFORT DRYSUITS BOOTS
7 mm neoprene inner liner for added warmth. Tough rubber sole covering and fin keeper.

EVO 4 BOOTS
Unparalleled grip on wet or dry surfaces. Mid height, low profile, rapid lace-up design. Use with bi-laminate shell socks.

BI-LAMINATE SHELL SOCKS
Bi-laminate socks mate perfectly with the EVO 4 Boots.

MK3 GLACIER SOCKS
Extreme cold water thermal sock. Reinforced sole and heel.

CONTAMINATED WATER INFLATOR VALVE
In the event of inflator valve malfunction the positive operation slider valve shuts off the air flow.

RELIEF ZIPPER
Allows divers to relieve themselves at the surface without doffing their suit.

GLOVES & LINERS
Stretched over the drysuit wrist ring for easy donning and an excellent seal. Various types available.