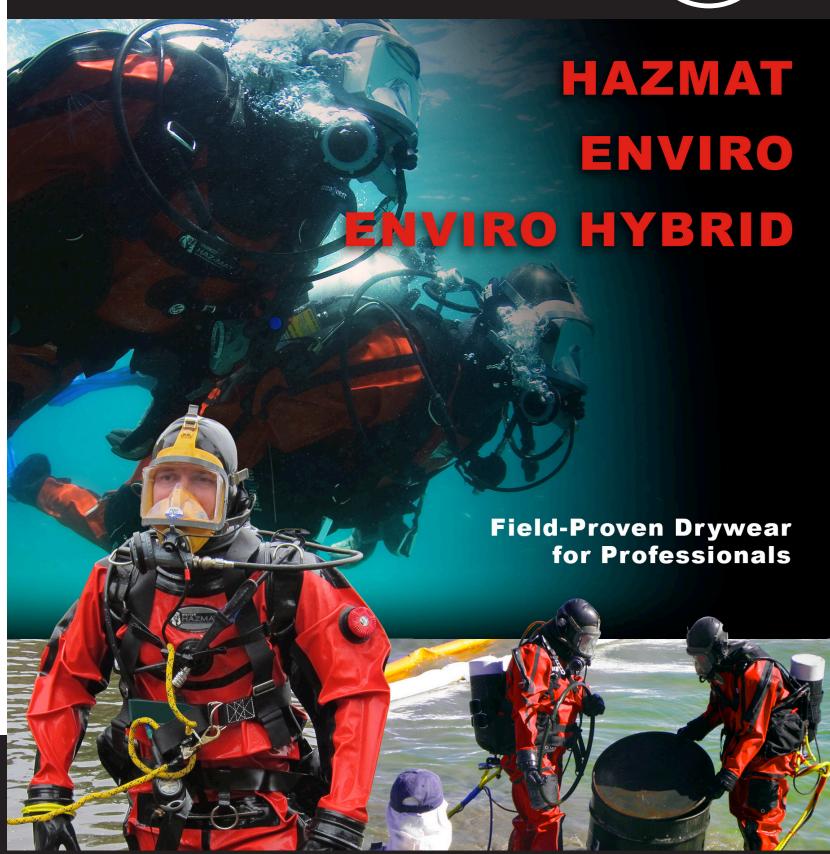
# DRYSUITS FOR CONTAMINATED WATER DIVING











## **HAZMAT PS DRYSUIT**

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**

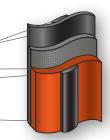
XS, S, SK, M, MT, MK, L, LT, LK, XL, XLK, 2XL, 3XL, 4XL See online size chart for size specific measurements.

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 - MTM (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 DRYSUIT**

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, MK, L, LT, LK, 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 - MTM (made to measure)	Red / Black
611989	HAZMAT COM Drysuit - MTO (made to order)	Black
611990	HAZMAT COM Drysuit - MTM (made to measure)	Black









# **ENVIRO DRYSUIT**

## 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

SIZE	S
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XS, S, SK, M, MT, MK, L, LT, LK, XL, XLK, 2XL, 3XL, 4XL

See online size chart for size specific measurements.

PART #	DESCRIPTION	COLOR
611216	ENVIRO Drysuit - MTM (made to order)	Red
611215	ENVIRO Drysuit - MTM (made to measure)	Red
611355	ENVIRO Drysuit - MTO (made to order)	Black
611354	ENVIRO Drysuit - MTM (made to measure)	Black





#### **AQUA-LUNG ENVIRO BI-LAMINATE**

Tear and puncture resistant nylon interior

Outer fully sealed washable, polyurethane layer

Smooth exterior seams



# **ENVIRO HYBRID DRYSUIT**

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

PART #	DESCRIPTION	COLOR
612214	ENVIRO HYBRID Drysuit - MTO (made to order)	Red
612216	ENVIRO HYBRID Drysuit - MTM (made to measure)	Red
612215	ENVIRO HYBRID Drysuit - MTO (made to order)	Black
612217	ENVIRO HYBRID Drysuit - MTM (made to measure)	Black











## 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**

Contaminated Water Categories	Contaminated Water Diving (CWD) Definitions	Recommended Levels of Protection for CWD	Recommended Drysuit
CAT 1	<ul> <li>a. Grossly contaminated water</li> <li>b. Extreme risk of injury to unprotected diver</li> <li>c. Full encapsulation of diver required</li> </ul>	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	<ul> <li>a. Heavily contaminated water</li> <li>b. High risk of injury to unprotected diver</li> <li>c. Full encapsulation of diver required</li> </ul>	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	a. Moderately Contaminated Water (MCW)* b. Some risk to diver, especially if ingested c. Full Face Mask (skin covered as necessary)  * May include biological and light oil/gasoline contamination	<ul> <li>Surface-supply or SCUBA</li> <li>Full Face Mask (FFM) required at minimum</li> <li>Skin protection as determined by risk assessment</li> </ul>	HAZMAT PS or ENVIRO HYBRID or ENVIRO
CAT 4	<ul> <li>a. Baseline contamination</li> <li>b. Low risk of injury from contaminants</li> <li>c. Standard (normal) diving dress</li> </ul>	No special requirements	

Reference publication: USN Sea Systems Command SS521-AJ-PRO-010: Guidance For Diving In Contaminated Waters 2008





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



**HAZMAT COM** 

**HAZMAT PS** 

**ENVIRO HYBRID** 

**ENVIRO** 

**BEST** 

**LEVEL OF PROTECTION** 

GOOD







## **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 DRYSUIT 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.





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