

WATER ARMOR - TWA

- **Protection up 2.800 bar***

- **Modular design with replaceable parts**

Water armor safety equipment consists of a suit component system designed with multiple panels that can be replaced individually. Gaiters, suits and gauntlets are each sold separately.

- **One size fits all operators**

Garment features adjustable straps. The thigh panels on the chaps can be lengthened or shortened to fit the height of any operator.

- **Open back keeps you cooler longer**

Unique design provides water jet protection for the front of the operator, while the open back allows for increased circulation.

- **Built-in knee pad for maximum protection and comfort**

Cushioned knee pads that protect knees from UHP water jet streams and reduce discomfort from kneeling on hard surfaces.

- **Lightweight suit protects without tiring**

Patented technology features the tightest weave ever achieved with aramid fibers, producing water jet safety material that is both lightweight and comfortable to wear.

- **Light weight**

Made of aramid fibers, is the most resistant material with a lower weight.

- **Hinged panel design for greater flexibility and range of motion**

Patented fabric system bends with the body. Each suit component panel moves independently, allowing for greater flexibility and ease of use.

- **Tough material that's easy to maintain**

Rugged outer layer is low-maintenance and easy to clean, and also provides improved chemical resistance.

* *The suit does not protect the fixed straight stream. Only the jet that passes quickly.*



- 1.- Vest / Torso panel
- 2.- Gauntlet
- 3.- Chaps
- 4.- Gaiters



TEST RESULTS: No penetration occurred beyond protective system with waterjet traveling at 2,4 m/s, no closer than 76 mm at these conditions.

| Pressure (bar) | Flow (l/min) | Ø Nozzles | Nozzle material |
|----------------|--------------|-----------|-----------------|
| 2.800 | 21 | 0,9 | Sapphire |
| 2.500 | 19 | 0,9 | Sapphire |
| 1.400 | 42 | 1,3 | Tungston |
| 700 | 61 | 1,8 | Tungston |

TWA PLUS

With the same features as above but with more resistance to pressure.

TEST RESULTS: No penetration occurred beyond protective system with waterjet traveling at 0,5 m/s, no closer than 76 mm at these conditions.

| Pressure (bar) | Flow (l/min) | Ø Nozzles | Nozzle material |
|----------------|--------------|-----------|-----------------|
| 2.800 | 21 | 0,9 | Sapphire |
| 1.400 | 42 | 1,3 | Tungston |