

## **SPECIAL FEATURES**

The **RES CON Retriever RT** has been designed specifically to incorporate the use of a general PVC spineboard or **RES CON Fiberglass RamRods** to ensure stabilization of the victim, and the safest extraction possible, either vertically or horizontally. While use of the rescue device without support is not recommended, it shall in all cases, be used only by trained rescue personnel.

### **MATERIAL**

This functionally innovative design utilizes **Supreme Protector™** a patented, polyethylene-coated 650 denier **SPECTRA 1000** woven fabric material for its unmatched strength and chemical resistance, cut and tear resistance, reliability, and “slipperiness”. (Functional load capacity 300-lbs./136 kg.) **Strength of the Supreme Protector™ is rated at 1000 pounds per square inch.**

**Supreme Protector™** provides an intermediate barrier to all corrosive chemicals and petroleum products, ensuring the necessary strength and performance requirements vital to confined space and HAZMAT rescue in the petrochemical industry. The slippery nature of the material aids in sliding injured personnel over rough materials, and its **unsurpassed strength** provides added cut and tear resistance.

**Color-coded polyester webbing material** with a minimum breaking strength of **7,000 pounds each** is employed for ease of correct use. The multiple sets of restraint straps provide maximum ease of use, comfort to the victim during vertical or horizontal extraction while providing redundant safety factors in the most severe environments. Quick **Side Release Buckles** meet strictest requirements for strength and spark-resistance, allowing for rapid deployment and simplicity of use in harsh conditions and limited visibility. They aid in the rapid positioning of the victim’s feet in the **Foot Pouch**, thus preventing the feet from splaying outwards, providing the narrowest linear profile for extraction through the narrowest of openings.

**Six Yellow Polyester Parachute Harness Extraction Bridles** with a minimum breaking strength of **9,000 pounds each** are provided, allowing use of up to four straps for either horizontal or vertical extraction of a victim. Each individual strap equals minimum necessary safety standards for Confined Space Rescue, thereby providing over **four times** the necessary safety factors required when four Extraction Bridles are used, and increases victim stability during extraction. All webbing meet NFPA 1983 (1995), OSHA, ANSI, and military specifications for strength and durability.

**Unicellular Coated Foam to U.S. Military and USCG standards is used in the Aquatic Retriever RT AQ for positive flotation.**

**Military Spec Adjustable Parachute Buckles** meet strictest requirements for strength (**11,000 pounds approx.**), allows for rapid adjustment of **Extraction Bridles** for maximum versatility and individual configuration with simplicity of use in harsh



conditions.



Parachute Buckle

Buckle and Extraction Bridles

**Hand lifting devices** integrally designed into the horizontal side straps serve to aid in transport of a victim by several rescuers in a stairway or on the ground. Each hand-lifting device lies flush with other webbing to ensure the fewest possible sites that might be snagged during extraction and transport.