

# Rescue Tool FIRE™



## 5 OR MORE TOOLS IN 1 HANDHELD DEVICE - DESIGNED BY FIREFIGHTERS FOR FIREFIGHTERS

The original LIFELINE, ® Rescue tool, is a one-of-a-kind device designed by firefighters to protect firefighters. The concept of the LIFELINE™ Self-Rescue Tool and Sheath was created by James Counsellor (Jay for short). Jay has been a firefighter for the past twenty-two years and saw a growing problem in the field with rising numbers of documented instances of firefighters becoming trapped or entangled in wires or cables, for example, when ceilings collapse. The entanglement often occurs in the area of the firefighter's SCBA.

Firefighters have tried to use wire cutters or other types of knives to attempt to free themselves from entanglement situations, but those methods proved unreliable and ineffective. Jay developed the concept of the LIFELINE® Self-Extraction Rescue Tool with the dream of providing each firefighter in this country with a device to help save those that place themselves in harm's way every day. Extensive engineering collaboration, manufacturing R & D and field testing have resulted in the most highly advanced state-of-the-art cutting instruments ever made. Today, our tools are being used in 3 continents and across 7 countries.

## DESIGN TO SERVE FIREFIGHTERS, POLICE, MILITARY & OTHER FIRST RESPONDERS

The only self-rescue extrication tool of its kind is American made and offers highly aggressive (patent-pending) serrations with multi-purpose features that address the type of unexpected emergencies first responders face every day. Multipurpose, lightweight, and portable, this device can do the job of more than six different professional tools in a single all-in-one device. Today, thousands of LIFEINE® tools are actively being used in the field and saving the lives of first responders around the world.

## FEATURES & SPECIFICATIONS

### Designed To Cut Through Most Materials

3/16-Inch Laser Cut 100% American Made 440c Steel.

Heat Resistant Thermo Plastic Sheath With Innovative Single-Handed Release.

Heat Resistant Thermo Plastic Handle.

Highly Aggressive Innovative Serrations.

Heat Injection Molded Sheath and Handle With DuPont Zytel® Heat Resistant Thermo Plastic - 572 F Melting Point.

Designed To Cut Through Most Materials.

Thick Robust Steel Ideal For Prying and Breaching.

Designed to Meet or Exceed NFPA 1982.

Now with Ultra-bright fluorescent properties for increased visibility.

### High Tech Heat Treatment

In addition to a highly aggressive patent pending serrated blade, the LIFELINE® Rescue Tool manufacturing process includes heat treated to a Rockwell of 59-60, then given a cryogenic treatment which slowly cools the tool in a controlled bath of liquid nitrogen. This highly advanced heat treat process improves the microstructure of the 440c stainless steel, decreases residual stresses and increases toughness and dimensional stability.

### Heat Resistant Handles

The handles on the tool are equally technologically advanced. The base model handles are high-temperature injection molded using DuPont Zytel® Heat Resistant Thermoplastic and have a melting point of approximately 600 °F. The upgraded handles are made of Carbon Fiber-Reinforced Carbon and precision cut by LIFELINE's CNC routers. The carbon handles have a melting point of 3600 °F and are the same material used on the wings of the Space Shuttle.

