

**Brand / Model:** Phenix TRADITIONAL LEATHER TL2 **Supplier and Contact:** Phenix Technology, Inc

Delivery Date: Available 12 weeks from payment date on pre-order terms.

### **1. GENERAL DESCRIPTION**

The Fire Fighter Helmet is part of the Personal Protective Equipment worn by operational units for fire fighting and rescue in buildings, factories, and ships, as well as in various types of vegetation/ forest fires. The Helmet must therefore be able to provide adequate protection for all applicable uses.

### **2. PRINCIPLE CHARACTERISTICS**

- a. The helmet comes with a nape strap vertically adjustable system with fire retardant cotton, or leather, headband with optional comfort upgrade. Also available with a ratchet suspension with a turn knob adjustment system. The adjustment shall be possible without the use of any tools. The adjustment shall be possible without the use of any tools. A quick adjustment easily operated design is used for adjusting the size of the helmet.
- b. There are no sharp edges, roughness, or protrusions on any part of the helmet that can cause injury to the wearer when the helmet is worn.
- c. For those parts of the helmet that come into contact with the skin, materials which are known to be likely to cause skin irritation or any adverse effect on health are not used.
- d. The helmet is designed with proper ergonomics.
- e. The materials are of durable quality. Their characteristics do not undergo appreciable alteration under the influence of circumstances of use to which the helmet is normally subjected, such as exposure to sun, rain, cold, contact with the skin, or the effects of sweat.
- f. The helmet will not interfere with the wearing of the SCBA mask or corrective or protective glasses that are currently in use by the wearer.
- g. The helmet shall have the facility to include optional sewn in or detachable ear/neck protection devices.
- h. The helmet is of comfortable and ergonomic design and designed with good ventilation that promotes users comfort for prolonged period of wear.

### **3. KEY COMPONENTS**

- a. Shell The helmet shell shall be made of top grade veg-tanned leather with commemorative 9/11 filigree design.
- b. Shape The shape should be of a design which makes the helmet extremely impact, heat, and chemical resistant. The rear brim extends to a length so as to shed water away from the collar and neck area and should be able to provide a maximum safety from falling objects.
- c. Safety Padding Sufficient head padding for dynamic shock absorption shall be provided.
- d. Chinstrap The helmet comes with a two point Nomex® material chinstrap centered in the middle of the shell and is available in three configurations; postman's slide, quick release, or a combination of postman's slide and quick release.
- e. Reflective markings The reflective material will be NFPA compliant lime/yellow or red/orange Reflexite®.
- f. Helmet Replaceable Parts The helmet parts such as shell, goggle and face shield, Leather I.D. shield, liner system, chinstrap, comfort options, headband, etc., are replaceable.
- g. Helmet Parts Availability Helmets parts must be available for future maintenance purpose.
- h. Color The shell is made available in the following colors; red, yellow, black, white, orange, and blue. The color of shell is warranted for 5 years from date of manufacture.
- i. Goggle Goggles are available which satisfy the performance as stated in NFPA 1971 2007 2013. The goggle must have high resistance to impact, radiant heat, flame, and chemical products. Available with the option of ESS Innerzone goggles or Paulson goggles for NFPA compliance. Goggles may come in long strap form or with retainers that require an attachment kit.

- j. Finial Brass High Eagle Finial comes standard on all models.
- k. Comfort Custom comfort pad (cotton) comes standard on all models.

#### 4. **TECHNICAL DATA**

- a. Weight The helmet weighs approximately 55 ounces.
- b. Size Sizing must be fully adjustable to fit all head measurements from size 6 ½ to size 8 ½. Extra Large ratchet system available at request to fit head measurements up to 9.
- c. Color : Color to be determined upon final approval and set forth in purchase order
- d. Test : NFPA 1971 2007 2013  
Approval

#### 5. **DELIVERY**

The successful supplier shall **provide product based on INCO terms 2010 for international shipping or based on pre established shipping terms.**

#### 6. **OTHER CONDITIONS**

- a. The successful supplier will warranty the helmet shell against defective materials, poor workmanship, inadequate performance, and malfunctioning for minimum period of five years from the date of delivery. Any rectification from the above should be acted upon immediately and all cost to be borne by the supplier.
- b. Catalogs, test certificates, and detailed specifications are to be attached with the tender documents for evaluation when requested.
- c. Each helmet complete with all accessories is packed individually in transparent plastic bag. Helmets may ship in bulk; however, must have protective barriers in place as to prevent any damages that may occur during the shipping process.
- d. An instruction manual on the care and maintenance need to be included in each helmet. The instruction manual is to be in the English language.

#### 7. **OTHER AVAILABLE OPTIONS AND ACCESSORIES:**

- a. Miller 64 cone corrugate fire hat style option available for an additional cost.
- b. Name Stamping available on the top brim at an additional cost to personalize any TL helmet. Laser engraving such as text, icons, etc also available on the under brim when submitted in a JPEG file format.
- c. Natural Stain is offered for an authentic look that stands out from any other helmet on the market. This includes approximately four coats of stain for a natural leather finish.
- d. Brim style options: Standard Phenix Bend, Colorado Curl, Bronx Bend, Cowboy Bend, and Boston Bend.
- e. Custom J5 lids available in multiple designs including an embroidered design or custom artwork upon request.
- f. Optional Finials available: High Eagle and Beaver.
- g. Maple Leaf 12 point Tetrahedrons available at an additional cost with Canadian Package.
- h. Custom 6" Leather ID Shields. Our leather shields are made from real leather, are stamped with leather dyes, and come in a variety of sizes, shapes, and colors. They can be customized for your individual department and rank. ID Shields also available with Spartan Light: This 90 Lumens LED light sits conspicuously behind your custom leather ID shield and uses standard AAA batteries for power. Included with the light package is a custom leather ID shield, which will allow for unobstructed illumination while protecting and concealing the casing. There is also a back up battery compartment designed for continuous light to ensure firefighter safety. Gold and Silver Medallions available as well.
- i. Deluxe Comfort Package: suspension upgrade kit includes a comfort pad, crown cap and ratchet cover made of protected leather. The set is easy to install and will outlast any of the other parts. The items are scratch and water resistant and very durable and easy to clean as well. Just wipe with a damp cloth. Each piece also sold separately if requested.
- j. Eye Protection Options: ESS Innerzone 3 goggles with wrap around velcro strap, ESS Innerzone 2 goggles with retainers, Paulson ATAC goggles with head strap, ATAC goggles with retainers, ATAC goggle with retainers and nose piece for NFPA compliance. We also offer ESS X-tricator goggles with retainers and flip down eye shields with OSHA compliance.
- k. ESS Snap on/off Attachment kit through the brim under mount and mounting brackets attachment available for goggles with retainers.

