

# BUCKINGHAM MFG.

## HANDLINE CARRIER INSTRUCTIONS

Buckingham's Handline Carriers are used to take a handline aloft while ascending a pole, tower or extension ladder. The handline carriers shown below can be attached to a belt to secure the handline.

A downward force of approx. 14 -18 lbf. (6109), 22 – 27 lbf. (PN 2402G) and 23 – 33 lbf. (PN 2402GH) applied to the handline will release it from the carrier allowing the technician to maintain position on the structure.

As an example, the handline properly secured to the handline carrier of a technician ascending a ladder is accidentally snagged by a passing vehicle. The handline carrier would release the handline keeping the technician from being pulled off the structure.

The Handline Carrier can also be used to raise a drop wire in the same manner as a rope. Caution should be exercised when using the Handline Carrier, especially when raising wire or rope on or near traffic lanes. This product must be used ONLY as outlined by these instructions.

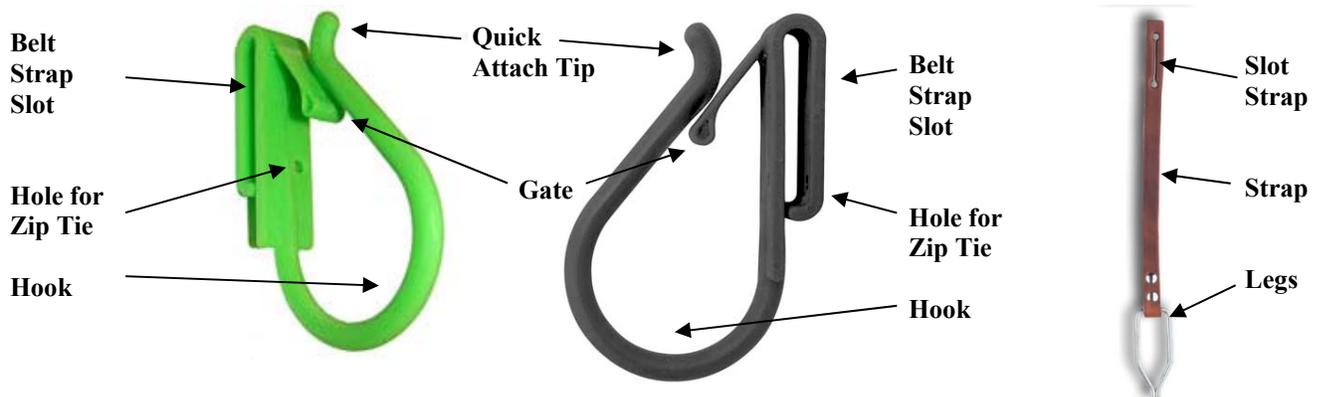
### USE:

#### **PN 2402G & 2402GH:**

- Place the hook, snap or eye of the handline hook over the hook of the handline carrier. (As an alternative, a loop may be tied in the rope).
- When at your desired location, lift the handline off the handline carrier hook. (Note: pulling sharply on the rope will also release it (PN 2402G & 2402GH), but will put undue wear on the handline carrier hook.)
- If the rope becomes snagged, the hook will straighten when approximately 22 – 27 lbf. (2402G) of tension is applied, allowing the hand line to pull free.
- To reconnect the handline, bend the hook back to its original location and re-attach the rope.
- PN 2402GH is manufactured from a material designed to release the handline hook under a greater tension, approximately at 23-33 lbs. Due to the rigidity of this material the hook of the 2402GH may fracture under tension rather than straighten.

#### **PN 6109:**

- Pass one end of the handline rope through the wire end of the handline carrier.
- Either tie a knot or pass enough rope through so the rope cannot fall out accidentally.
- When at your desired location pull the rope in the opposite direction to release. (Note: pulling down sharply on the rope will also release it, but will put undue wear on the rope.)
- If the rope becomes snagged, the legs (at the hour glass shaped end) will separate when approximately 14-18 lbs. of tension is applied, allowing the hand line to pull free.
- To reconnect the handline, re-insert the end of the handline rope through the wire end of the handline carrier.



**2402G & 2402GH HANDLINE CARRIER with Gate**

**6109 HANDLINE CARRIER**

### ATTACHMENT INSTRUCTIONS

PN 2402G and 2402GH are intended to be attached to the waist belt or tool loop of a body belt as follows:

1. Slide the handline belt strap slot over the waist belt or tool loop in the desired location away from locking snaphook / carabiner connections.
2. Secure the handline carrier to the waist strap or tool loop by placing the supplied zip tie through the provided hole to prevent the hook from accidentally sliding off the belt strap.



PN 6109 is intended to be attached to an accessory ring or tool loop of a body belt.

1. With Accessory Ring: A.) Locate the desired accessory ring away from the locking snaphook / connections, B.) insert the slotted end of the strap through the ring, C.) form a loop and turn the metal hook 90°, D.) push the metal hook through the slot and cinch tight.
2. Around Tool Loop: A.) Determine the desired tool loop location on the waist belt away from locking snaphook / carabiner connections, B.) insert the slotted end of the strap through the tool loop , C.) form a loop in the handline carrier, D.) turn the metal hook 90°, E.) push the metal hook through the slot and cinch tight.



### **WARNINGS:**

- It is essential that a handline is never attached directly to your body belt. Always use a Handline Carrier.
- Never attach a Handline Carrier where it or the handline will make contact or interfere with locking snaphook / carabiner connections.
- Exercise caution when using a Handline Carrier and handline, especially when raising wire or rope on or near traffic lanes, obstructions or power lines.
- Use extreme caution when using a handline on or around moving machinery.

### **INSPECTION:**

Prior to each use, carefully inspect this equipment for indications of wear or deterioration. The inspection should include, but not be limited to:

PN 6109 - leather is not worn, cracked or cut and the metal ends of the carrier still slightly touch and are not bent.

PN 2402G and 2402GH - ensure the attachment device (zip tie) is secured and that the hook has no nicks, cracks, gouges etc.

If any of the above are found, cease use and replace immediately.

Note: if hook of handline carrier was straightened, ensure it has rigidity enough to be bent back to it's original position before reuse.

In addition, should the handline hook undergo a downward pull, it as well as all other personal protective products worn at the time, should be immediately inspected.

**CLEANING & STORAGE:** Clean with mild soap & water. Allow to air dry completely (not in sunlight). Your equipment should be stored and transported so that it does not come into contact with moisture, ultra violet rays, extreme temperatures, or chemical agents.

**BUCKINGHAM MFG. CO.**  
**BINGHAMTON, NY**  
**[www.buckinghammfg.com](http://www.buckinghammfg.com)**  
**1-800-937-2825**