



# Gill Landing Systems Specifications

After considering the characteristics of design, appearance, functionality, warranty and price, the value of our landing systems becomes obvious. **No other company can compare to our price-per-feature value!**

## DESIGN FEATURES

**Handles:** Made of strong 2" webbing with reinforced stitching and an additional "X" stitching for incomparable strength.

**Velcro®:** One piece Velcro® fastening system is easy to secure.

**Bases:** Bases are interchangeable for even wear and longer life.

**Foam:** Cross tunnel construction facilitates a smoother landing.

**Angled Box Cutout:** Specially designed 45° cutout around the box allows pole to rotate freely eliminating possible contact with the pad.

**Color:** Gill standard royal blue/grey color combination provides superior resistance to UV radiation damage. The standard grey mesh stays cooler to the touch on hot and sunny days compared to other colored mesh.

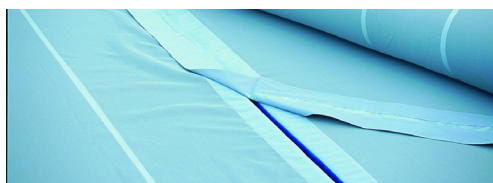
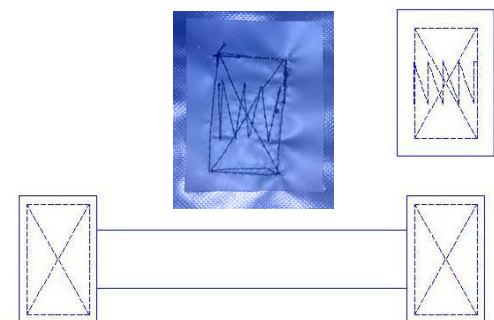
**Customizations:** Custom colors are available for an additional 5%. Longer delivery times apply. Call for details.

### Warranty:

Gill is committed to your Track & Field programs, now, and ten years from now. That's why all our landing systems come with a **full 10 year warranty**. If any failure occurs in the first 10 years, under normal use and care, we will repair or replace the damaged part. Gill Essentials® line carries a 5 year warranty.

### Regulatory Compliance:

All Gill landing systems now provide a soft sweet-spot landing that is compliant with the American Society of Safety Engineers ANSI Z359.1-1992 (R1999) American National Standard fall arrest force requirements as well as the OSHA Regulation 29 CFR Section I, 1910.66 App C, Personal Fall Arrest System force requirements. **Gill Athletics, Inc is the only company that meets these standards!**

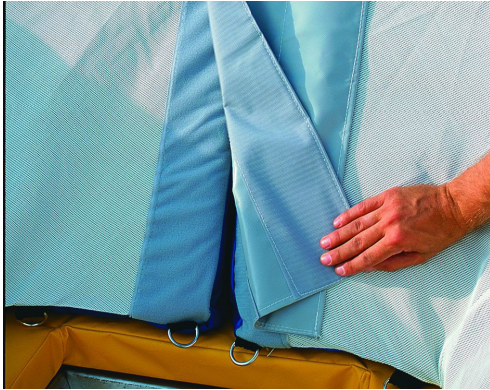


## Every Gill Landing System meets or exceeds new minimum dimension requirements by the NFHS.

2003 NFHS Rule Changes increase safety for the pole vault:

- New NFHS Dimensions: 19'8" wide, 16'5" behind the vault box, 26" thick
- New NCAA Dimensions: 19'8" wide, 16'5"
- Rule 7-4-14 requires a padded vault box collar. behind the vault box, 32" thick

### MATERIALS



**Foam:** Select density polyurethane foam creates precisely desired compression and superior durability.

**Fabric:** 18 oz. Vinyl coated woven polyester produces maximum durability and puncture resistance of 390 psi. Unlike vinyl coated nylon, this fabric holds its shape under the worst conditions. All section seams are heat sealed to prevent any water seepage.

**Velcro®:** Avionic grade hook and loop material exceeds grip requirements even after 5000 assembly cycles.

**Covers:** Gill weather covers use the same super strong vinyl coated woven polyester as used in our landing system casings with top and bottom heat sealed seams to keep moisture out.



**Mesh:** Top pad and top panels of all base units are vinyl coated woven polyester mesh. Mesh surfaces allow for desired air escape at impact.

**Seams:** Extra heavy #138 nylon thread is used throughout. Seams are folded and triple stitched then welded together using a high frequency heat sealer to increase strength and provide water resistance. D-ring straps are back stitched for added holding power.



**Hardware:** Nickel plated snap-hooks have been replaced by durable aluminum carabiners. Aluminum carabiners offer several advantages over conventional hardware. They are easily replaceable and allow for quick removal of the top pad. These carabiners are also designed with a breakaway point to prevent excessive damage in the event of wind storm movement of the landing system.



Heavy duty plastic zippers are corrosion resistant for smooth operation in all conditions. All zippers are sewn in to folded vinyl and are double stitched.

**Top Pad:** 2" foam encased in vinyl coated woven polyester mesh fabric covers the entire surface. Pole vault top pads feature an 8' x 10' preferred landing zone in white mesh fabric.

