

Strut Size:

24" Strut 1-5/8" x 1-5/8"

Specification and Data Sheet

Model No. 24-Base Strut-4

Model No. 24-Base Strut-18

1. **Product Name:** PILLOW BLOCK PIPESTAND MODEL 24-Base Strut-4 and 24-Base Strut-18.
2. **Manufacturer:** MIRO INDUSTRIES, INC., 844 South 430 West, Suite 100, Heber City, Utah 84032
3. **Product Description:** A pipestand with a strut and clamp pipe support system used for ganging roof mounted gas pipes, electrical conduit, solar piping and other mechanical piping. Pipes rest on a 24" length of strut which is mounted on the base. The pipes can then be fastened by using typical clamps locked to the strut. The pipe support base is made of polycarbonate resin; and the strut and hardware are made out of hot-dip galvanized or stainless steel.
4. **Product Performance:** The base to which the strut and supported pipe are affixed is gently rounded to allow movement upon the roof to prevent gouging the roof membrane. The base strut allows for movement without damaging the roof membrane.
5. **Compatibility:** Pillow Block Pipestands are recommended for use on and are compatible with all current types of decking and with all commonly used built-up and single-ply roofing membranes where roof-mounted pipes occur.
6. **Load Weight:** Maximum load weight not to exceed 640 lbs. per steel pipestand.
7. **Composition and Materials:** The pipestand consists of two major components: (1) A one-piece polycarbonate resin support base, and (2) a single or double 24" piece of galvanized steel strut, connected with stainless steel 5/8" diameter all thread to each base. Carbon black is added to the polycarbonate resin for UV resistance and protection.
8. **Size:** The deck base is 19" by 23", has a maximum bar length of 24". The 24-Base Strut-4 has a fixed height of 4-1/2" in elevation from bottom of pipe support. The 24-Base Strut-18 can adjust in height from a low of 4-1/2" to a high of 18" in elevation from bottom of pipe support.
9. **Installation:** (1) Center the pipestand beneath the pipe so that the strut is squarely over or under all lines of pipe. If more than one pipe is being supported, adjust for even distribution of weight. (2) Adjust the pipestand to the desired height and even load with other pipestands. Make certain the strut bar is level. (3) Set the pipe in the pipestand without dropping or causing undue impact. An additional sheet of roofing material, a traffic pad, MIRO support pad, or a MIRO Deck Plate should be installed beneath the pipestand. For built up roofs, all loose aggregate from an area 25" square should be removed from the area directly beneath the pipestand and then follow the installation directions set forth above. Care should be taken to install each pipestand so it supports a proportional and equal amount of weight.
10. **Spacing:** Manufacturer's recommended spacing should not exceed 10 foot centers depending upon the load. Do not exceed load weights designated above and make certain each pipestand is adjusted to even load at each pipestand throughout the roof system. Support spacing is not to exceed the maximum spacing required in the pipe specifications where applicable.
11. **Availability:** Pillow Block Pipestands are marketed throughout the United States through representatives and distributors.
12. **Maintenance:** Normally maintenance is not required. Semi-annual inspection is required to check pipestand position and set pipe alignment, weight distribution and improper installation which may cause pipestand damage or failure.
13. **Technical Services:** Please call MIRO INDUSTRIES, INC.: (800) 768-6978 or visit our website www.miroind.com for technical information and for graphic and CAD drawing downloads.

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