

<p><b>Strut Size:</b> 20" Strut 1-5/8" x 1-5/8"</p>
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## Product Data Sheet

# 20-Base Strut-4, 20-Base Strut-8, and 20-Base Strut-18

1. **Product Name:** 20-Base Strut-4, 20-Base Strut-8 and 20-Base Strut-18.
2. **Manufacturer:** MIRO INDUSTRIES, INC.  
844 South 430 West, Suite 100,  
Heber City, Utah 84032  
Phone: (800) 768-6978  
Fax: (800) 440-7958
3. **Product Description:** A rooftop support with "strut" used to support roof-mounted electrical conduit, solar piping, gas pipes, or other mechanical piping. Pipes rest on a length of hot-dip galvanized steel strut. The pipe support base is made of polycarbonate resin and all other metal parts are made of hot-dip galvanized or stainless-steel.
4. **Product Performance:** The base is gently rounded to allow movement upon the roof to prevent gouging the roof membrane. Each support offers the following clearances above the roof:
  - o 20-Base Strut-4 has a fixed height of 4-1/8 inches.
  - o 20-Base Strut-8 has a factory-set maximum height of 9-1/2 inches with adjustability down to 5-1/2 inches.
  - o 20-Base Strut-18 has a factory-set maximum height of 19 inches with adjustability down to 5-1/2 inches.More than one conduit or pipe may be ganged on the pipe support and attached with typical pipe clamps or clips, so long as the total load weight per support does not exceed recommended weight limit.
5. **Compatibility:** Base Strut Pipestands are recommended and are compatible to use with all current deck types and with all commonly used built-up and single-ply roofing membranes where roof-mounted pipes occur.
6. **Load Weight:** Maximum load weight may not exceed 960 pounds on the 20-Base Strut-4 and the 20-Base Strut-8 pipestands. Maximum load weight may not exceed 717 pounds on the 20-Base Strut-18 pipestand.
7. **Composition and Materials:** The pipestand consists of three major components: (1) A polycarbonate resin deck base, (2) 5/8 inch diameter stainless-steel all thread with hot-dip galvanized hardware, and (3) a 20 inch piece of 1-5/8 x 1-5/8 inch hot-dip galvanized strut. Carbon black is added to the polycarbonate resin for UV-resistance and protection.
8. **Size:** The 20-Base Strut series pipestands have a 19 x 23 inch polycarbonate deck base and a 20 inch piece of 1-5/8 x 1-5/8 inch hot-dip galvanized strut. The 20-Base Strut models provide height adjustability as outlined above.
9. **Installation:** (1) Center the pipestand beneath the pipe so that the strut allows the pipe to be positioned squarely over the pipestand. (2) Adjust the pipestand to the desired height and ensure load is evenly distributed with other pipestands. Make certain the strut is level. (3) Set the pipe on the pipestand without dropping or causing any undue impact.

An additional sheet of roofing material, a traffic pad, or a MIRO Support Pad should be installed beneath the pipestand. For built up roofs, clear all loose aggregate from an area 2 inches outside each base footprint and then follow the installation directions outlined above. Care should be taken to install each pipestand, so each support carries a proportional and equal amount of weight.
10. **Spacing:** Manufacturer's recommended spacing is not to exceed 10-foot centers depending upon the load. Make certain each pipestand is properly elevated and loading is distributed evenly to all pipestands. Support spacing is not to exceed the maximum spacing required in the pipe specifications, where applicable.
11. **Availability:** Base Strut Pipestands are marketed throughout the United States through representatives and distributors.
12. **Maintenance:** Normal maintenance is not required. Semi-annual inspection is required to check pipestand position and set pipe alignment, check proper weight distribution, and to correct improper installation that may cause pipestand damage or failures.
13. **Technical Services:** Please call MIRO INDUSTRIES, INC: (800) 768-6978 or visit our website [www.miroind.com](http://www.miroind.com) for technical information and for graphic and CAD drawing downloads.