



# EATON | Weatherhead

## H421 WeatherJACK Hydraulic Jack Hose

Product Details

### Rise to the Top with WeatherJACK



Eaton expands its Weatherhead product line with the introduction of its new WeatherJACK™ hydraulic jack hose styles which are designed specifically for hydraulic jacking applications in which static pressure requirements up to 10,000 psi are common. Each of the new hose styles has a customized layline that identifies it as a jack hose with a maximum 10,000 psi operating pressure rating.

WeatherJACK hose meets the performance requirements of Material Handling Institute Specification IJ100, the recognized jack hose standard that simulates the operating conditions of hydraulic jacking equipment.

#### Applications

- Hydraulic jacking system service with petroleum and water-based fluids







#### Features

- 10,000 psi maximum operating pressure
- Qualified with WeatherGRIP™ ('Z' Series) hose ends
- Customized WeatherJACK layline
- H421 2-wire braid construction in -4 and -6 sizes
- Abrasion resistant, MSHA approved cover

#### Benefits

- Ideal for even the most demanding hydraulic jacking applications
- Easy to assemble
- Easily recognized as an approved hydraulic jacking hose
- Available in multiple sizes and constructions to meet varying needs
- Meets the most stringent safety standards in the industry
- Customized WeatherJACK layline - recognizable even in the toughest environments



| #<br>Part<br>Number   | <br>Hose I.D. |      |          | <br>Hose O.D. |      |          | <br>Working<br>Pressure |        | <br>Min. Burst<br>Pressure |        | <br>Min. Bend<br>Radius |      | <br>Wt. Per<br>100 Ft. |        | Avail.<br>Lengths |
|-----------------------|--|------|----------|--|------|----------|--|--------|---|--------|--|------|---|--------|-------------------|
|                       | mm   | in   | fraction | mm   | in   | fraction | bar  | psi    | bar   | psi    | mm   | in   | kg/m  | lbs/ft | feet              |
|                       | H42104<br>H42104-250R  | 6,4  | 0.25     | 1/4  | 13,5 | 0.53     | 17/32  | 700,0  | 10,000  | 1400,0 | 20,000   | 50,8 | 2.00  | 0,3    | 0.22              |
| H42106<br>H42106-250R | 9,7  | 0.38 | 3/8      | 17,5   | 0.38 | 11/16    | 700,0  | 10,000 | 1400,0  | 20,000 | 63,5   | 2.50 | 0,4   | 0.29   | 50<br>250         |

**Inner Tube:** Synthetic Rubber

**Reinforcement:** 2 Wire Braid

**Qualified Hose Ends:**

'Z' Series

**Typical Applications:**

Hydraulic jacking system with petroleum and water-based fluids. Meets the performance requirements of the Material Handling Institute Specification IJ100

**WARNING:** It is important to use the correct fitting with any hose product to ensure a proper connection. Only use the fittings suggested by Eaton for this hose product. Mixing fittings and hose by different manufacturers can lead to an unstable connection, due to the differences in manufacturing techniques and tolerances. Such connections can fail and have the potential to spray and cause personal injury or property damage.

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