Band Heaters

Construction Styles

**Duraband® Construction Styles**

### CONSTRUCTION TYPES

**One-Piece Band**

The one-piece construction is available on any screw or lead termination and clamping variation. It can be used where band heaters can be slipped over the end of the cylinder.

![Shown with Type NB Built-In Strap](image)

---

**Two-Piece Band**

The Two-Piece construction is available on any screw or lead and clamping variation. The Duraband two-piece design provides a built-in hinge, making handling and installation easier. It is used on large cylinders or where the heater cannot be slipped over the end of the cylinder. Two-piece band heaters are rated at watts and volts per each half when ordering.

**Note:** Multiple segment designs are recommended on larger diameter (typically larger than 15") heaters to improve the clamping force and

![Shown with Type NS Built-In Strap](image)

---

**One-Piece Expandable Band**

The one-piece expandable construction is available on any screw or lead and clamping variation. It can be used where a one-piece band heater would have to be expanded to fit over the barrel during installation, rather than slipped over the end of the barrel.

**Note:** The One-Piece Expandable Band should not be opened and closed more than twice.

![Shown with Type NE Built-In Strap](image)

---

**Duraband® Construction/Clamping Variations**

**Standard Built-In Strap Clamping (Low Thermal Expansion)**

The Built-In Strap is available with any screw or lead termination and construction variation. The Built-In Strap eliminates the use of awkward-to-handle separate straps, providing more drawing power than any other type of clamping system. The Duraband with Built-In Strap is standard on many designs. Consult Tempco for multiple segment heaters.

**Type NB—One-Piece Band**

- Min. ID: 2" (50.8 mm)
- Min. Width: 1-1/4" (31.8 mm)

**Type NS—Two-Piece Band**

- Min. ID: 3" (76.2 mm)
- Min. Width: 1-1/4" (31.8 mm)

**Type NE—One-Piece Expandable Band**

- Min. ID: 2-1/2" (63.5 mm)
- Min. Width: 1-1/4" (31.8 mm)

View Product Inventory @ www.tempco.com