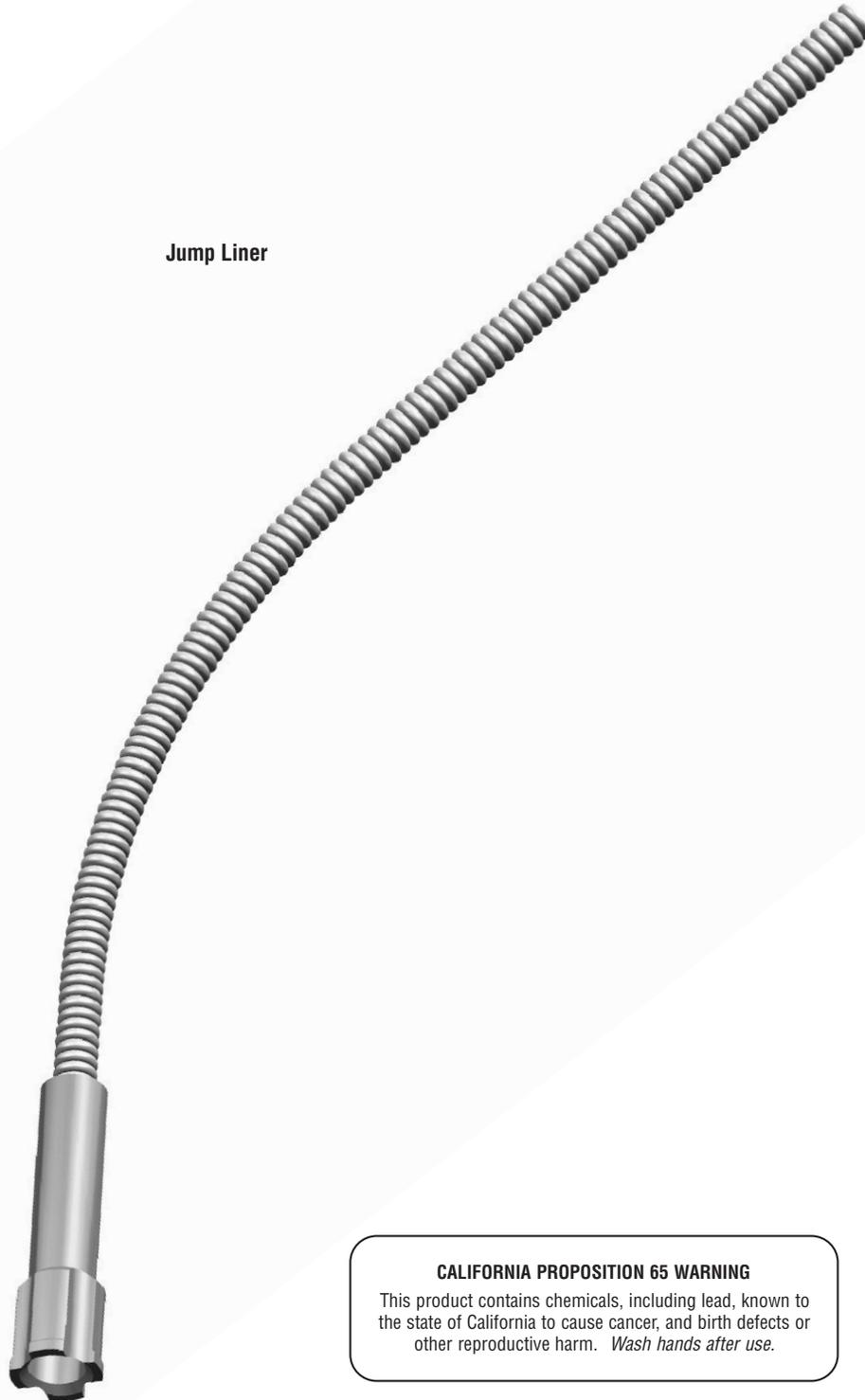


# Jump Liners

## MIG Welding Accessory

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Jump Liner

### All Consumables are Not Created Equal.

It's important to choose longer lasting consumables. They can make the difference between repeated consumable replacement and rework, or more arc time and better bottom line.

**Jump Liners replace only the most commonly worn and clogged liner area** to reduce the amount of time a gun is offline and minimize inventory.

**Enable quick and easy neck change-out** so gun can be easily adapted to fit multiple applications.

**For use with all Bernard® BTB MIG guns with conventional liners and rotatable necks.**

**Available in sizes to fit .035" (0.9 mm) to 1/16" (1.6 mm) wire.**

#### CALIFORNIA PROPOSITION 65 WARNING

This product contains chemicals, including lead, known to the state of California to cause cancer, and birth defects or other reproductive harm. *Wash hands after use.*

Made with  
Pride and without  
Compromise in the **USA**

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# Available Jump Liners

PART NO.	ELECTRODE SIZE	LENGTH
QJL-3545	.035" - .045" (.9 mm - 1.2 mm)	14"
QJL-116	1/16" (1.6 mm)	14"

*\*Nylon liners available for aluminum wire. See liner spec sheet for details.*

## Installation Instructions

1. Turn off power.
2. Remove nozzle, insulator, contact tip, gas diffuser and neck from gun.
3. Remove old jump liner from the back end of the neck.
4. Insert new jump liner making sure the liner stop is fully seated at back end of neck.
5. Take the tapered end of the neck and insert into the end fitting of the gun handle. Make sure that the liner extruding from the handle is trimmed to 1/4" beyond the gun handle to ensure proper fit up to new jump liner. Secure the neck to the gun by turning the insulated nut clockwise.
7. Trim the liner at the nozzle of the neck as follows:
  - DS-1 and D-1 Centerfire™ Gas Diffusers (used with Centerfire™ Series Contact Tips) = between 5/8" and 3/4"
  - 4235 and 4635 gas diffusers (used with Elliptical 1500 Series Contact Tips) = 3/8"
  - 4335 and 4435 gas diffusers (used with Elliptical 7400 or 4200 Series Contact Tips) = 1-3/8"
  - D118Q gas diffusers (used with Quik Tip™ Contact Tips) = 7/8"
  - D114Q gas diffusers (used with Quik Tip™ Contact Tips) = 3/4"
8. File the cut end of the liner to eliminate burrs.
9. Reinstall the cap, gas diffuser, contact tip and nozzle.

