

TPKHS - Heat shrink boot

TPKHS is a series of heat-shrinkable end seal boots made of a thermally stabilized, modified polyolefin. They are designed to provide a weatherproof seal at the end of tubing bundles. These boots may be used for process temperatures up to 400°F (204°C).

Installation

- Cut back the bundle leaving the desired length of tubing and tracer exposed.
- Spread the tubes apart enough to fit into the legs on the end of the boot. We suggest that you bend the process tubes to the correct instrument connection centers before installing the boot. This will result in a more compact installation. Use a tube bender or the O'Brien 2 1/8" (54mm) centerline bending tool to make the required bends.
- For single leg boots a minimum of 1" (25mm) should be positioned over the bare tube.
- Slip the boot over the end of the bundle with one tube or tracer in each leg until the bundle seats at the bottom of the boot. Be careful not to nick or cut the boot. Nicks and cuts will cause the boot to split during heat shrinking.
- Use a heat gun to shrink the boot over the bundle, tubes and tracer. Move the heat source back and forth over the boot applying heat evenly. Once the boot has assumed the shape of the bundle and the tubes, stop applying heat. Further heating will not make the boot shrink more tightly. If required, the boot leg should be pinched with pliers while hot and held till cool to reduce the leg diameter.

TPKHS Selection

| Bundle Family | Process Tube | Tracer Tube Size | Model Number Size |
|---------------|--------------|------------------|-------------------|
| S-LINE | 1/4 (6mm) | | *TPKHS-E1 |
| | 3/8 (8mm) | | TPKHS-E1 |
| | 1/2 (12mm) | | TPKHS-E1 |
| TPL1 | 3/8 (8mm) | 3/8 (8mm) | TPKHS-C2 |
| | | 1/2 (12mm) | TPKHS-C2 |
| | 1/2 (12mm) | 3/8 (8mm) | TPKHS-C2 |
| | | 1/2 (12mm) | TPKHS-C2 |
| TPL2 | 3/8 (8mm) | 3/8 (8mm) | TPKHS-B3 |
| | | 1/2 (12mm) | *TPKHS-A3 |
| | 1/2 (12mm) | 3/8 (8mm) | *TPKHS-A3 |
| | | 1/2 (12mm) | TPKHS-A3 |
| TPH1 | 3/8 (8mm) | 3/8 (8mm) | TPKHS-C2 |
| | | 1/2 (12mm) | TPKHS-C2 |
| | 1/2 (12mm) | 3/8 (8mm) | TPKHS-C2 |
| | | 1/2 (12mm) | TPKHS-C2 |
| TPH2 | 3/8 (8mm) | 3/8 (8mm) | TPKHS-B3 |
| | 1/2 (12mm) | 1/2 (12mm) | TPKHS-A3 |
| TPE1 | 1/4 (6mm) | | TPKHS-D2 |
| | 3/8 (8mm) | | TPKHS-C2 |
| | 1/2 (12mm) | | TPKHS-C2 |
| TPE2 | 1/4 (8mm) | | *TPKHS-B3 |
| | 3/8 (8mm) | | TPKHS-B3 |
| | 1/2 (12mm) | | TPKHS-B3 |

*Boot leg should be pinched with pliers while hot and held until cool to reduce leg diameter.

CAUTION

When applying a heatshrink boot to a product with Teflon or plastic tubing, take care not to overheat the tubing.