



Systems approach

O'Brien Corporation has closed the loop in providing the entire instrument installation and protection needs for your plant. VIPAK®, HEATPAK® and HEATPAK® are enclosure systems that provide protection and steam or electric heat for the instrument and manifold. SADDLEPAK® is the perfect solution to the problems of mounting instrumentation. FLEXPAK® provides a custom, flexible cover for instrumentation.

TRACEPAK solves the problems of:

- Personnel protection
- Viscosity
- Dew point Component drop-out
- Freezing

The economical choice to field fabrication

Maintenance free TRACEPAK not only saves money and time during the installation process, but it ensures consistent, repeatable performance. Field fabrication requires a pipe fitter to lay out, measure, cut, dress, bend and install the tubing. Next the tracer (steam or electric) has to be installed and insulation put on the tubing. Finally, a weatherproof covering needs to be applied over the insulation. Clearly the economics of the TRACEPAK system versus field fabrication are significant.

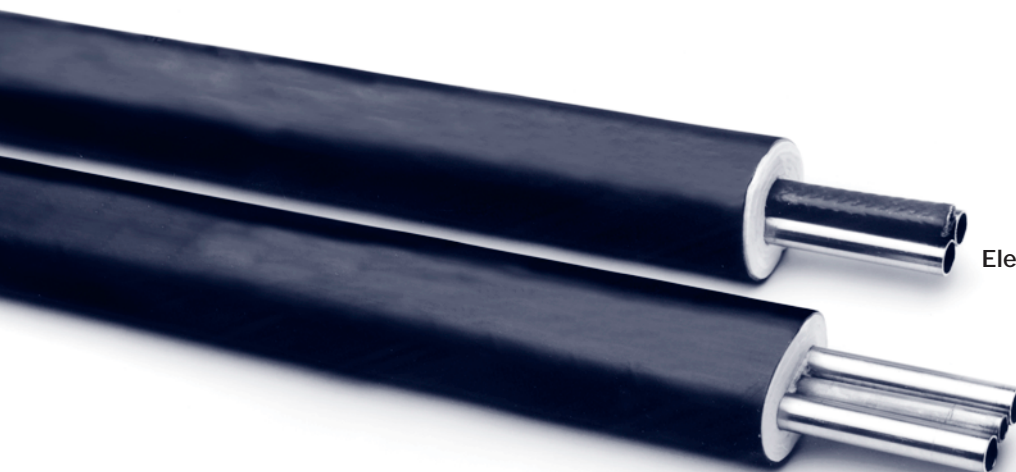
Provides predictable and repeatable performance

O'Brien Corporation, long recognized as the leader in providing reliable instrumentation protection, has simplified installation while offering predictable operation. TRACEPAK tube bundles are prefabricated, pre-engineered and preinsulated assemblies.

O'Brien

Installation is simplified by the unique parallel configuration, in which process and tracer lines are always parallel inside the bundle. The bundle is much easier to bend during field routing and hookup, while also reducing the probability of stress corrosion cracking (SCC), because all tubes bend together and not against one another.

Connections are easy because tubing stays round and is not work hardened. TRACEPAK's parallel configuration allows the tubing to stay round and malleable when used in conjunction with compression and flare fittings. The installation of process and instrument connections requires only a simple, one-plane offset bend to engage tubing and fittings.



Electric Traced

Steam Traced



Tracepak

Heated Hose and Custom Designs

Custom Capabilities

- Indoor & Outdoor Jackets
- Maintenance Temperatures to 660°F (350°C)
- Custom Lengths
- Choice of Process Connection Fittings
- Pre-terminated and Fitted Ends
- Factory Installed Temperature Sensors
- Communication, Monitor and Power Wires
- Alternate Jacket Colours
- CapPAK Traced Capillary Systems
- SeaPAK Corrosion Control Coated Tubing

Unusual Tube Material Nonstandard Sizes

Tracepak can be manufactured with a wide range of uncommon materials and sizes to conform to your unique material requirements, including:

- Teflon® variations such as PTFE, PFA, TFE, and nylon.
- Hastelloy
- Incoloy
- Titanium
- Duplex and Super Duplex
- 6% Moly
- Oxygen Cleaned Tubes
- Chemically Polished Stainless Steel with Silcosteel® Coating
- Electropolished Stainless Steel with Sulfinert® Coating

Multi-Component Bundles

Complex designs incorporate factory installed temperature sensors such as RTD's, PT100's thermocouples with multiple process tubes, calibration gas supply tubes, tracers, communication wires, power wiring, and heat tracing.

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Typical applications

Here are a few applications for the TRACEPAK System:

IMPULSE LINES

flow transmitters
pressure transmitters
level transmitters
pressure switches
controllers

SAMPLE LINES

analyzers
chromatographs

PROCESS LINES

steam supply
condensate return
water purge
chemical feed
air lines

