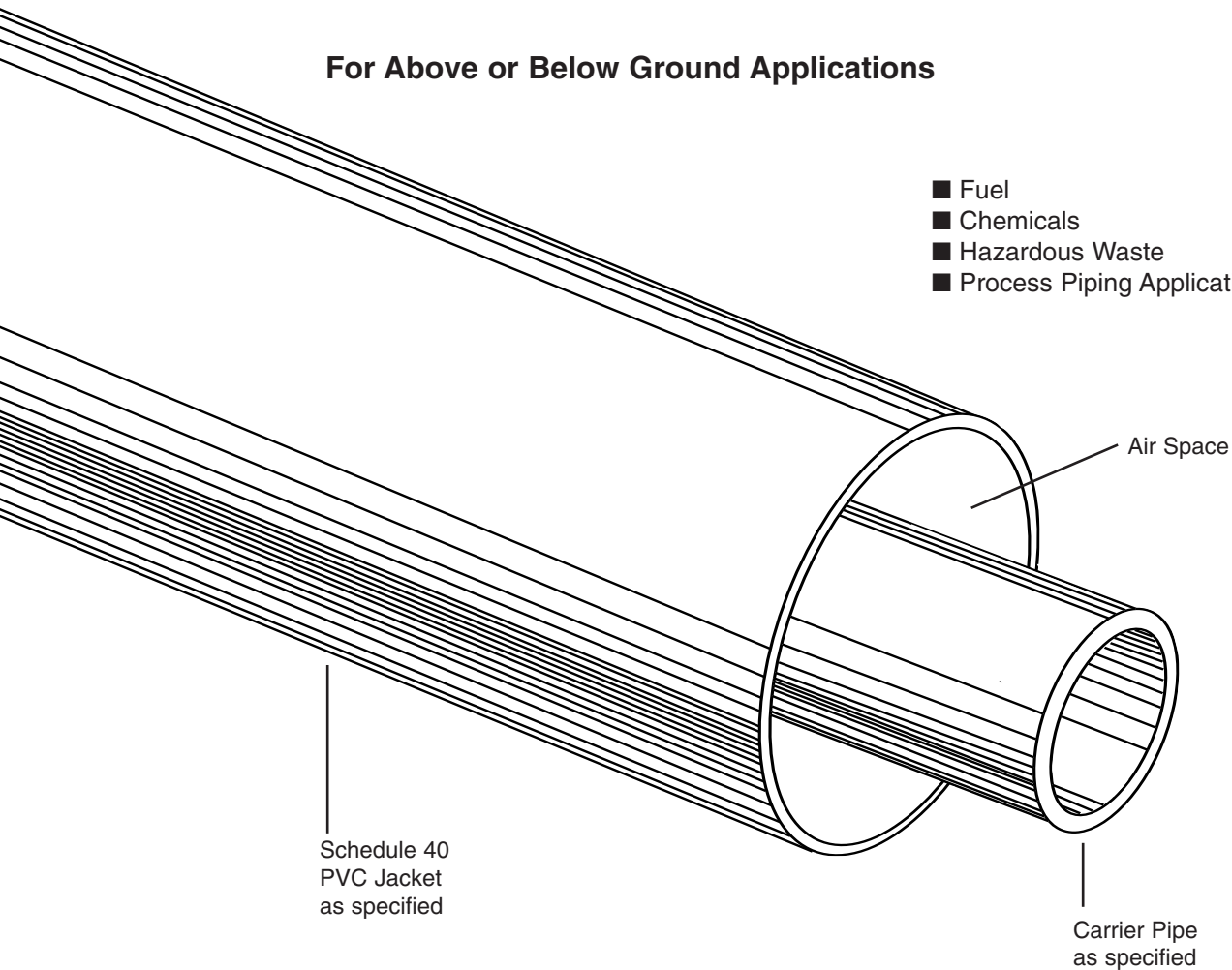


# Rovanco PVC Containment

For Above or Below Ground Applications

- Fuel
- Chemicals
- Hazardous Waste
- Process Piping Applications



Rovanco's PVC Containment System is designed for piping systems above or below ground. A High-quality, durable PVC jacket, provides an economical system.

Rovanco's PVC System is provided with spooled out, part numbered, cut-to-length pieces factory manufactured to field dimensions. All elbows, tees, and end seals are manufactured at Rovanco's plant.

The containment piping comes complete with Quick Bond™ joint kits the same thickness as the jacket to make it completely watertight. The right product for tough applications.

To find out more about Rovanco's PVC containment system, you can visit our factory, phone us (815)741-6700, fax us (815)741-4229, visit our web site at [www.rovanco.com](http://www.rovanco.com) or e-mail us at [marketing@rovanco.com](mailto:marketing@rovanco.com).

# SPECIFICATION DATA SHEET

## PVC Containment Piping System for Underground

### Carrier Pipe Types:

#### PVC

Schedule 40/80 solvent weld.

Other classes and schedules of PVC pipe are available.

#### Type (K) or (L)

Hard Drawn Copper Tubing conforming to ASTM B-88.

#### Steel

A-53 Grade B ERW or seamless Steel in Schedule (40) or (80).

#### Fiberglass

Series 2000 Bondstrand\* filament wound fiberglass reinforced epoxy, bell, and spigot, designed to withstand 250°F. Pipe to be in conformance with MIL-SPEC P28584A and P22245A.

Series 3000 Bondstrand\* filament wound fiberglass reinforced epoxy, bell, and spigot, designed to withstand 210°F. Pipe to be in conformance with MIL-SPEC P29206A.

Other carrier pipe types are available upon request.

Factory fabricated and pre-engineered to actual field dimensions.

### Inner Pipe Supports:

All pipe shall be aligned and supported within the outer casing with nonmetallic pipe supports designed to allow free air and fluid movement within the containment pipe. The supports will be designed and spaced to carry the weight of the carrier pipe full of fluid with a 50% safety factor while allowing the carrier pipe to expand and contract.

### Outer Containment Casing:

The outer casing shall be Schedule 40 PVC conforming to ASTM 1785. Fiberglass casing will not be allowed.

### Coupling Joints:

The Quick Bond® Joint is made of three parts: the coupling unit and two identical tapered sealing rings (field assembly).

### Fittings:

Shall be factory pre-fabricated PVC, the same thickness as the containment casing.

### End Seals:

Terminal ends of the system shall be equipped with Quick Bond® end seals manufactured of PVC and factory tested. The Quick Bond® End Seal is comprised of the end seal plate, the tapered sealing gasket, the pressure plate with the nuts and washers.

### Casing, Fitting, and End Seal Testing and Certification:

Testing and certification procedures shall demonstrate that the casing, fittings and end seals are capable of passing a pressure test certified by an independent testing agency.

### Installation:

The installation shall be done in accordance with plans and specifications and manufacturer's installation drawings and instructions. The containment pipe manufacturer will provide a field service technician on-site to train the contractor and his personnel in all phases of installation. No contractor or field fabricated systems will be allowed.

### Backfill:

Should be tamped compactly in place so as to assure a stable surface. No rock should be used in the first foot of backfill. 24 inches, top of pipe to grade, of compacted fill shall meet H-20 Highway Loading.

### Approved Suppliers:

Rovanco Quick Bond® PVC Containment Pipe System or "Approved Equal".

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## Contact Your Rovanco® Representative

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