

WHITE PAPER: What Conduit Can I Bury?

Direct Burial is burial of wiring or electrical conductors underground.

While putting wiring underground, the 2023 NFPA 70 National Electrical Code (NEC) allows protection of wiring with liquid tight conduit.

- NEC Article 350.10 (3) allows liquid tight, flexible metal conduit (LFMC)
- NEC Article 356.10 (4) allows liquid tight, flexible non-metallic conduit (LFNC)
- Only straight fittings may be used
- No 45- or 90-degree fittings may be used

To make identification easy, flexible ANACONDA SEALTITE® conduit suitable for Direct Burial is marked "DIR BURIAL" or "DIRECT BURIAL."

UL listed ANACONDA SEALTITE® electrical conduit protects wiring from Direct Burial conditions. The liquid tight, flexible, metal conduit (LFMC) produced by ANAMET Electrical, Inc. Type UA, SS-UA, HTUA, SS-HTUA, ASUA, CW, ZHUA and SS-ZHUA conduit is suitable for Direct Burial because of these features:

- Flexibility (resistance to soil compaction, expansion or movement)
- Resistance to corrosion, machine oils, liquids, vapors and solids
- Crush and impact resistance (over a thousand pounds of crush resistance)
- Hot and cold temperature resistance (below water freezing temperature and near water boiling temperature or beyond)
- Liquid tight seal providing resistance to tree root intrusion
- Resistance to UV (sunlight) aging

UL listed, liquid tight, flexible, non-metallic conduit (LFNC) is also approved for Direct Burial.

- Types CNP and NMUA ANACONDA SEALTITE® conduit are durable like LFMC, however, they do not have the same crush resistance as LFMC



LFMC and LFNC protect wiring in Direct Burial

**ALWAYS
CALL BEFORE
YOU DIG.**
Call 811 in the USA
for help to avoid
dangerous digging.



ANACONDA SEALTITE®
ANAMET ELECTRICAL, INC.

Customer Service: (800) 230-3718
Fax: (800) 677-2706
Email: info@anametelectrical.com

ANAMET Electrical, Inc.
1000 Broadway Ave. East
Mattoon, IL 61938