

## The Challenge: Aging PILC Systems

**Paper-insulated, lead-covered (PILC)** cables — some over 90 years old — are still buried under many North American cities. The EPA urges utilities to remove them due to environmental and reliability risks. Yet, replacing them is complex:

- Existing ducts often can't fit modern extruded solid dielectric cables
- PILC removal leaves damaged or misaligned ducts
- Reduction in skilled workers to perform lead wiping PILC cable failure due to age

## THE KERITE SOLUTION: SMALLER, LIGHTER, SAFER.

Kerite's PILC Replacement Cable is purpose-engineered to modernize aging underground infrastructure. Designed for legacy ducts as small as 3 inches, it delivers unmatched performance in a compact form. While many cables offer reduced diameters, Kerite goes further — our exclusive Permashield<sup>®</sup> stress control layer and DR-EPR insulation system enable a slimmer profile beyond standard reduction techniques, ensuring easier installation without compromising long-term reliability.



*With the combination of Kerite's Permashield/DR-EPR Insulation System and diameter reduction techniques, Kerite can achieve diameters approaching original PILC diameters.*



### Fits Legacy Ducts

Compact profile engineered to fit existing duct systems, including ducts as small as 3 inches.



### Lightweight & Compact

Up to 30% lighter and 15-20% smaller than traditional designs, easing handling and installation.



### Qualified Performance

Meets ICEA and AEIC standards for reliability and long-term operation.



## LIFETIME WARRANTY