

POWER CABLE
Hendrix® kerite®

kerite®
CABLE SERVICES

High-Voltage & Subsea Cable
Installation Solutions

marmonutility.com



Why trust Kerite

Kerite HV cable is engineered for the **longest service life** of any transmission cable in the industry. Kerite Cable Services (KCS) combines cable with a customer service package that delivers a **single-source solution to any high-voltage or subsea cable challenge**.

Kerite starts with HV cable that has unsurpassed life. Kerite's field expertise and people create the ability to put solutions into motion immediately. This is how **Kerite can deliver customer value immediately and for decades to come**. It is what makes Kerite the most trusted name in the HV cable business.

Our experience in the HV field

Kerite has been providing turnkey 46-138 kV cable solutions for more than 25 years, including:

- Substation/capacitor bank connections
- Power plant feeders
- Urban high voltage feeds
- Subsea cable installations
- River/bridge crossings
- Congested right-of-way areas
- Manufacturing/processing facilities
- University expansions
- Airport runway crossings



5 reasons to trust in Kerite HV Cable

1. Discharge-Resistant Insulation

- Only Kerite manufactures a corona-resistant insulation system that meets the classification of the ICEA standard S-94-649-2013.
- Kerite has never had any reported cable failures due to insulation degradation or weakness. Kerite cable can last the lifetime of the installation.

2. Permashield®

- Only Kerite offers our Permashield non-conducting stress control layer.
- This unique conductor shield delivers superior stress relief between the conductor and the insulation layer. The results are stable, long-term AC cable strength and impulse breakdown levels.

3. Transient Attenuation

- Transient voltage spikes can cause transformer windings to short. Kerite cable electrical properties cause the rate of high-frequency impulse elevations to lengthen.
- Kerite cable is four times more effective at attenuating transients than EPR cable from other manufacturers and it is an order of magnitude better than TR-XLPE.

4. Long Service Life

- Kerite does not place a time limit on its cable warranty.
- Kerite is not aware of any field-related insulation failures for our EPR cables. The half-life of Kerite cable has not been reached despite its field use for over 40 years.

5. Superior Wet Performance

- Kerite proprietary EPR insulation is unaffected by moisture and will perform in wet environments – flooded vaults, subsea applications and water-filled conduit.

What you get with Kerite

- Single-source responsibility
- Extended material and labor warranties
- Time-proven Kerite cable
- Cable terminations (rigid pothead-style or polymeric designs)
- Cable splices (premolded)
- Final field system acceptance testing (hi-pot, megger and jacket tests)
- Installed by Kerite factory-certified technicians
- Additional services include: cable system layout/design, trenching, horizontal drilling, ductbank and conduit installation, termination riser fabrication/installation

Core Kerite services

- Project management
- Site surveys
- System layout
- Ampacities calculations
- Custom cable designs
- Power cables from 46kV to 138kV
- Subsea cable from 15kV to 138kV
- Composite power and fiber-optic cables
- Cable pulling calculations
- Cable Installation, splicing and terminating
- System testing
- Complete project documentation

Where we work

Congested Substations

- We have more experience than any other provider in the installation of short cable circuits within congested substations. Our field technicians build hundreds of high-voltage devices each year.
- Our experience includes connecting capacitor banks, substation expansions, getaways and multiple substations.

Transmission Rights of Way

- Underground cable installation can solve a wide range of right-of-way issues from aesthetics to congestion caused by nature or existing infrastructure.
- Kerite has the experience to provide a top-down, turnkey HV solution.

Kerite: Trust the voice of experience

Mastering today's HV transmission challenges requires the right partner. Talk to Kerite and you'll find that we are built on generations of experience and performance. That's how we build trust.





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