

THIS IS ANODEFLEX

Flex Connect



 **SEALFORLIFE**
Industries

 **Anodeflex**[®]
Cathodic Protection & AC Mitigation





Cathodic Protection & AC Mitigation

NOVEMBER, 2024

In the inaugural issue of FlexConnect:

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APRIL 4, 2024



Henkel closes the deal

Henkel, the global leader in adhesives, sealants and functional coatings market has successfully completed the acquisition of US-based Seal for Life Industries LLC (“Seal for Life”) from Arsenal Capital Partners (USA). Seal for Life is a specialized supplier of protective coating, sealing solutions, and corrosion protection products in a broad variety of infrastructure markets such as renewable energy, oil and gas, and water.

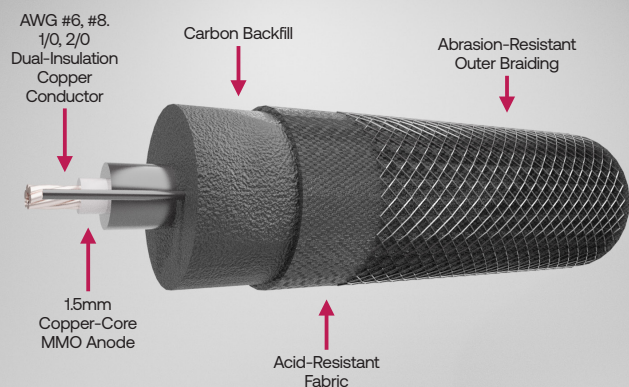
The signing of the transaction took place in February 2024. As infrastructure ages and sustainability gains ever more prominence, the necessity for repair solutions that enhance asset longevity is becoming more apparent. Consequently, maintenance, protection and repair solutions for industrial, civil, and municipal applications are gaining heightened importance.



[Henkel closes acquisition of specialized supplier for protective coating and sealing solutions](#)

Linearflex Re-branding 3000 SERIES LINEAR ANODES

Anodeflex introduces Linearflex, a flexible linear anode line of products that addresses corrosion issues on new and poorly coated pipelines, above ground storage tank bottoms, and plant and facility piping. Linearflex is installed horizontally, alongside the pipeline and plant piping, and beneath the tank floor. Linearflex's flexibility and durability allows it to be installed in multiple ways, such as trenching, plowing, and HDD methods. Linearflex is an effective, factory-manufactured mixed metal oxide (MMO) pre-packaged linear anode system, that is simple to use and will provide the corrosion protection needed on your assets.



Applications



Pipe & Pipeline



Tanks & Vessels



Cathodic Protection



Pipeline Rehabilitation



Horizontal Directional Drill

Linearflex 3000 Series is:

- ☑ MMO wire connected at fixed intervals to a central dual-insulated copper conductor cable
- ☑ Factory assembled in carbon backfill within an acid-resistant fabric braided sock
- ☑ Wire type - AWG #6, #8, 1/0, 2/0 HMWPE HALAR
- ☑ Fill material - Loresco™ SC-3 (or approved alternate)
- ☑ Current output - 25mA/ft., 100mA/ft., 200mA/ft., + other outputs
- ☑ Design Life - 20 yrs+

Key Features and Benefits

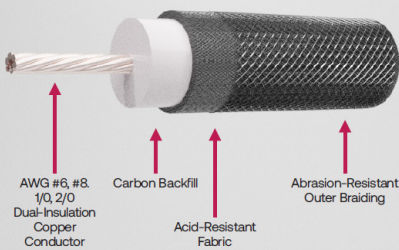
Linearflex can be installed closely to a structure and can be excellent where current distribution is a challenge

- ☑ Provide low resistance even in high resistivity soils
- ☑ Automated water-tight connection of MMO Anode to connecting cable (TI or CU)
- ☑ Easy installation by trench, cable plow, HDD, or other methods
- ☑ Installation alongside a new pipeline or trenched next to an existing pipeline
- ☑ On poorly coated pipelines where optimal polarization can no longer be achieved, as an alternative to expensive recoating
- ☑ Factory manufactured. No field required assembly
- ☑ Anodeflex Linear Anodes avoid interference issues and stray current problems
- ☑ Current distribution is more consistent
- ☑ Long continuous circuit lengths, with 90% fewer joints than other conventional anode systems

ACflex Re-branding AC Mitigation Electrode

Anodeflex's ACflex pipeline grounding system provides unparalleled mitigation from the stray current effects of HVAC transmission lines that are co-located with pipelines. These have devastating effects on pipelines from rapid current discharge, pipeline wall loss, and coating degradation. ACflex is a grounding system that helps mitigate and reduce AC current concerns on pipelines. It is a flexible, factory manufactured system with no need for field required assembly and provides ease of installation that is installed parallel to the pipeline.

AC Mitigation Electrode



Applications



AC Mitigation



Horizontal Directional Drill

Key Features and Benefits

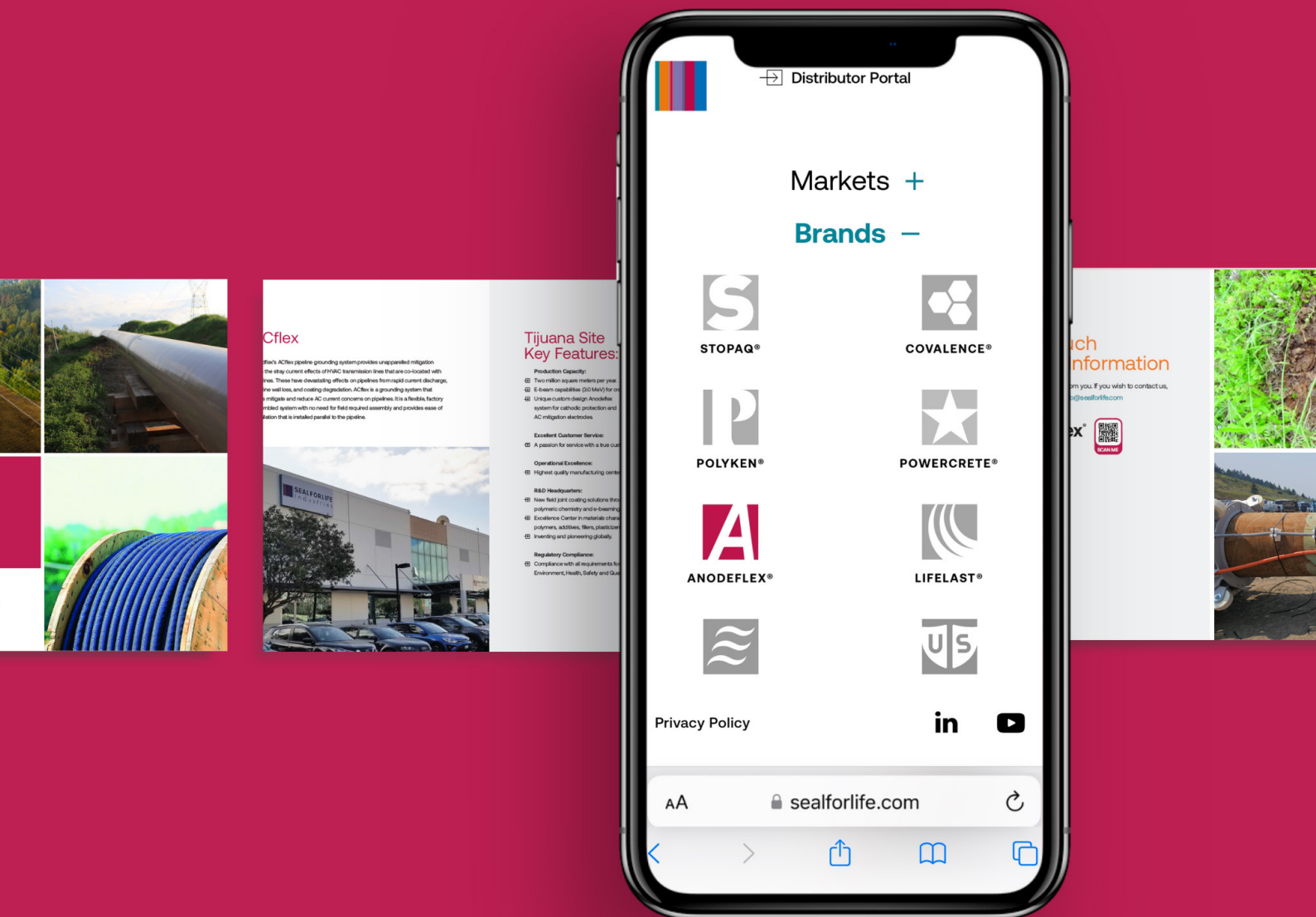
- Effectively dissipates high levels of induced AC current
- Maintains excellent electrical performance characteristics over extended lifetimes versus zinc ribbon
- Designed for fast, efficient continuous installation process
- Offers lower total cost of ownership based on extended life and lower material, maintenance, deployment, operational and replacement costs
- Easy installation – trench, plow, or HDD
- Reduce fault condition stress values
- Reduce the AC current density potentials on pipelines
- Protect pipeline coating from damage due to high voltage gradation
- Maintain AC step/touch potentials below threshold of 15VAC

Anodeflex ACflex is a high-performance AC Mitigation copper grounding electrode

- 19 stranded copper conductor
- Low-resistivity fill material - Loresco Power Fill
- Cable types - 2/0, 1/0, #2, #6
- Integrated woven porous fabric jacket
- Protective abrasion and damage-resistant braiding
- pH neutral and chemically stable
- Factory assembled
- Easy field splicing with standard crimpits and fill material




Anodeflex New Brochure and Data Sheets



Contact Dean Lioliou, Anodeflex US Business Development Manager for a physical or electronic version of the new Anodeflex Product Brochure.

 Dean Lioliou – dean.lioliou@sealforlife.com : 832-755-2714

 Or visit our website and click the link to request the brochure and information:

Anodeflex® - Seal For Life

We are actively working on the release of the new Linearflex and AC Flex Data Sheets and will let you know when those are available.

New Product Incoming...

Stay tuned for a truly evolutionary deep anode bed product design and product launch in the near future!



Cathodic protection revolutionized the way to protect steel assets when Sir Humphrey Davy first invented CP as a way to protect the copper & steel hulls of British Naval Ships from corroding in the 1820's. CP evolved by introducing impressed current systems, different materials such as graphite, high silicon cast iron, mixed metal oxide (MMO), and to Anodeflex's first evolutionary linear anode design in the 1990's with a prepackaged linear MMO system.

Now Anodeflex continues our pioneering spirit with another evolutionary design for the deep anode market. This unique, new product will change the way deep anodes are made and how they are installed.

Anodeflex World Class Manufacturing



Becoming a premier manufacturer requires a company to be specialized, flexible, automated, safety and process-focused, and customer-focused.

Our Seal For Life Tijuana, Mexico facility, where Anodeflex products are designed and manufactured, is exactly that - a premier manufacturing facility.

Our production capacity is over two million square meters per year. Our R&D Tijuana department focuses on unique custom design cathodic protection products and AC mitigation systems. Our new products such as our soon-to-come deep anode system, are first designed and developed in Tijuana, with a focus on material excellence, manufacturing flexibility, testing, performance and quality. Our plant and facility are focused on our rigid corporate and all required health and safety policies and procedures. And our passion for service in all we do is tied to a true focus on our customers.

Anodeflex At the Events

Anodeflex will be attending and exhibiting at:

4 – 6
NOV '24

AMPP Western Area Conference - Booth 40

San Diego, CA

21-24
JAN '25

AMPP Rocky Mountain Short Course

Colorado Springs, CO

19-21
FEB '25

AMPP Eagle Ford Short Course

New Braunfels, TX

6 – 10
APR '25

AMPP Annual Conference + Expo 2025 - Booth 1124

Nashville, TN

12-15
MAY '25

AUCSC Appalachian Underground Corrosion Short Course

Morgantown, VA

Come visit us at our booths and learn about Anodeflex, our products Linearflex, ACflex, and the soon to come Deepflex, our other evolutionary products such as our Linearflex T-Splice Anode, and how we can serve you.

WE'RE HERE TO HELP

Get In Touch For More Information

We look forward to hearing from you. If you wish to contact us, please send us an email at info@sealforlife.com

