



Key features:

PRCI Catalog No. PR-405-163602-R01 and ISO 22426-2020 compliant Replicates pipeline coating defects Each coupon is serialized for traceability

The ACCI Engineered Corrosion Coupons meet all the PRCI Catalog No. PR-405-163602-R01 and ISO 22426 design criteria requirements with regards to replicating and mimicking the similar pipeline coating, pipeline wall thickness (carrier plate) and steel grade with regards to a similar 1cm² defect located on a buried/submerged pipeline. These state-of-the-art ACCI Engineered Corrosion Coupons, enable owner/operators to accurately measure the AC and DC potentials and AC and DC current densities in line with AMPP SP 21424 permitting the most realistic and accurate assessment of the combined effects of the CP and AC. The ACCI Engineered Corrosion Coupons ensures that a similar spread resistance, geometry, and dimension are created that best replicate a similar 1cm² pipeline coating defect (or other engineered defect replicating the pipeline defects dimensions).

Specifications	
Wire Type	12 AWG XLP/USE-2/RHH/RHW-2 (Direct Burial)
Wire Length	2 leads at 25' (Standard, options available)
Coupon Diameter	3 inches (Standard)
Coupon Thickness	0.5" (Standard)
Coupon Steel Type	Low Alloy Carbon Steel (or specified to order)
Coupon Coating	Fusion Bonded Epoxy (FBE) (or specified coating)
Coating Anomaly Dimensions	1.13cm (0.4449") Diameter (1cm ² NACE SP21424)
Coating Thickness	±20 mills (Typical or to order)
Casing Material	PVC
Potting Material	Black Encapsulating Compound
Connection Resistance	0.001Ω (Max)

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