

# POLYGUARD PRODUCTS, INC.

SELF ADHESIVE PROTECTIVE COATINGS FOR ENGINEERING AND CONSTRUCTION

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Polymeric Mesh Backed coatings have been used in the North American market for the last 30 years and occupy a very significant part of the American and Canadian girth weld and rehabilitation market share. Those coatings consist of one single layer, simple and very fast to apply. They are differentiated from other multi-layer tape systems and heat shrinkable sleeves in materials, adhesion and application. In addition, they are recognized to not shield cathodic protection currents.

Non-shielding means that if the coating fails or disbonds, cathodic protection current can still reach and protect the steel against corrosion under disbonded coating.

The topic of our paper consists of technical explanation & clarification of cathodic protection shielding negative effects on the pipelines integrity. It reviews some examples and case studies as well as the legislation and regulation (standards) in different countries.

The paper presents more non-shielding testings recently performed in Europe and Asia on Polymeric Mesh Backed Coatings and other field applied coatings.

Innovation based. Employee owned. Expect more.

# Polyguard®

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