# Holiday Detection of Internal Tubular Coatings of 330 to 760 µm (13 to 30 mils) Dry Film Thickness

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1994: Reaffirmed by NACE TG T-1G, Protective Coatings, Elastomers, and Other Nonmetallic Materials for Oilfield Use

1986: Approved by NACE TG T-1G-9, “Holiday Testing of Plastic Linings,” a component of Unit Committee T-1G, “Protective Coatings, Elastomers, and Other Nonmetallic Materials for Oilfield Use

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## Foreword

This standard covers internal tubular polymeric coatings on a steel pipe/piping substrate. The standard defines and provides a procedure for the determination of the presence of holidays in a thick-film coating. This test method is based on the current technology and experience of the petroleum production industry This standard is intended for end users, manufacturers, applicators, corrosion engineers, and quality inspectors of internally coated metallic tubular goods.

## Scope

NACE TM0186 provides a nondestructive test method for evaluating the application of polymeric coatings of 330 to 760 µm (13 to 30 mils) to the internal surfaces of metallic tubular goods used in the oil and gas industry.

Holiday detection of internal tubular coatings of less than 330 µm (13 mils) dry film thickness is addressed in NACE TM0384.

## Rationale

TM0186 was created to aid in the identification of areas that do not provide complete barrier protection due to one or more holidays. This is to maximize the mitigation of corrosion in these areas. The updates in this revision reflect advances in the art within the industry.