

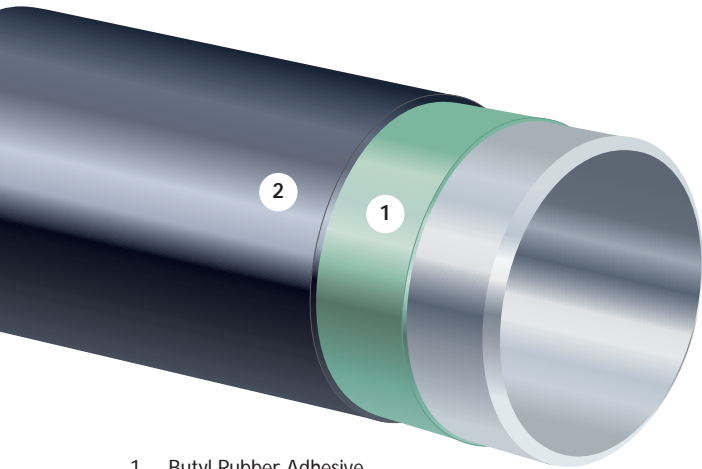
PRITEC®

Two-Layer PE Coating



ANTI-CORROSION

PRODUCT DATA SHEET



1. Butyl Rubber Adhesive
2. Polyethylene Topcoat

Product Description

PRITEC® is a two layer anti-corrosion coating designed to protect pipes used in oil and gas and water and waste water pipelines. **PRITEC®'s side extrusion application method is ideal for coating small and large diameter pipes ranging from 4" (100 mm) to 145" (3680 mm) in diameter.** This coating combines the proven protective qualities of a polyethylene outer coating with a special butyl rubber adhesive.

Applications



Waterworks Pipelines



Oil & Gas Pipelines



Small Diameter Pipelines



Large Diameter Pipelines

Related Standards and Specifications

- CSA Z245.21
- AWWA C 215
- AS / NZL 1518
- NACE SP0185
- ISO 10080
- ISO 9001:2008

For additional standards and specifications with which this product complies, please contact your Bredero Shaw representative.



Tough, Durable System

- The tough outer layer of polyethylene combined with the superior adhesion qualities of the butyl rubber adhesive layer protects the coated pipe from the stresses of handling, laying and backfilling the pipeline.

Low Total Installed Cost

- PRITEC® resists most biological, chemical and environmental contaminants found in the soil, allowing for the use of some native backfill which can reduce the overall project cost.
- PRITEC®'s butyl rubber adhesive provides superior adhesion properties that resist cathodic disbondment minimizing the cost of cathodic protection requirements.

Diverse Operating Conditions

- PRITEC® coated pipes can be used for a wide range of operating conditions.
- Its excellent adhesion to steel pipe allows for field bending in temperatures as low as -40°C (-40°F) for low temperature transport lines to a maximum operating temperature of 80°C (176°F) for hot crude oil lines.

Long Term Corrosion Protection on Pipelines Up To 145" In Diameter

- PRITEC®'s flexible side extrusion application technology means that it can be accurately applied to small and very large diameter pipes ranging from 100 mm (4") to 3680 mm (145") in diameter.
- PRITEC® is a very cost effective way to protect all types of pipe lines, from the supply of potable water and waste water applications to high pressure oil and gas transmission lines.

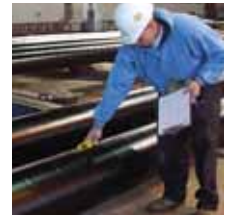
Features & Benefits

Two-Layer PE Coating

Typical Plant Capabilities and Product Properties

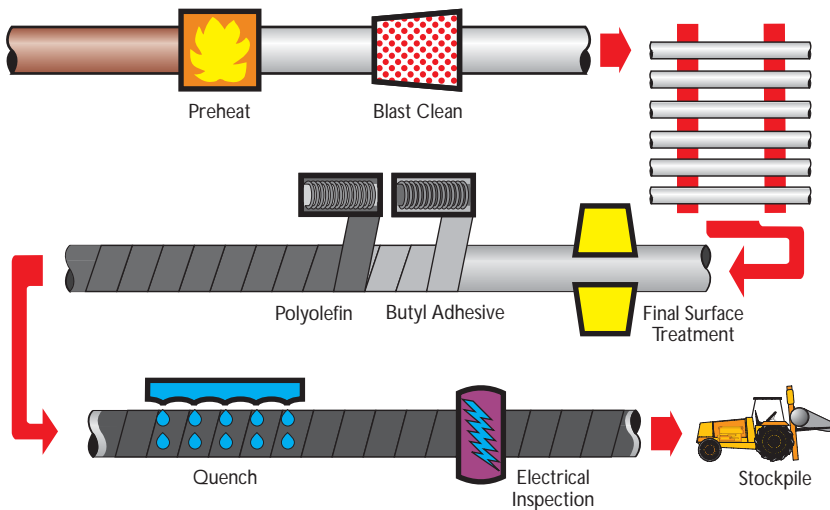
Capability/Property	PRITEC®
Minimum Pipe Diameter	100 mm (4")
Maximum Pipe Diameter	3680 mm (145")
Minimum Pipe Length	10 m (32')
Maximum Pipe Length.....	24.4 m (80')
Minimum Recommended Operating Temperature	-40°C (-40°F)
Maximum Recommended Operating Temperature	80°C (176°F)

Values shown are typical and may vary from plant to plant. Consult Bredero Shaw for special requirements.



PRITEC_rev022

Product Application Process



Plants

North America

Adelanto, California
Fontana, California

About Bredero Shaw

Bredero Shaw is the global leader in pipe coating solutions. With more than 80 years of experience, the largest team of dedicated pipe coating professionals, the most extensive network of strategically located plants worldwide and with proven innovative coating technologies, the company has protected more pipelines in virtually every environment and operating condition than anyone in the industry.

Bredero Shaw offers technologically advanced solutions for anti-corrosion coatings, protective and weight coatings, thermal flow assurance coatings, internal coatings, custom coatings and field joints for both onshore and offshore applications. This broad range of products and services provides Bredero Shaw with the unique capability to service the full spectrum of pipeline protection and flow assurance requirements. Consult your Bredero Shaw representative for your unique project requirements.

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