



LIBERTY COATING

A LIBERTY GROUP COMPANY

Two-layer
Polyolefin
Coating System

PRITEC®

**TECHNICAL
DATA SHEET**

PRODUCT DESCRIPTION

PRITEC® is a two-layer anti-corrosion coating designed to protect pipes used in the oil, gas, water, and waste water industries. PRITEC'S® side extrusion application method is ideal for coating any diameter of steel and ductile iron pipe. This coating combines the proven protective qualities of a polyethylene outer coating with a special butyl rubber adhesive.

ADHESIVE COMPONENT PROPERTIES

Softening Point	ASTM E 28	190° F
Water Absorption	ASTM D 570	< 0.1 %
Adhesive		Compounded Butyl Rubber

POLYETHYLENE COMPONENT PROPERTIES

Color		Black
Density	ASTM D 1505	> 0.950
Elongation	ASTM D 638	> 600%
Tensile Strength	ASTM D 638	> 2,800 psi
Outdoor Exposure		> 2 years
Hardness, Shore D	ASTM D 2240	> 60

PRITEC® COATING SYSTEM PROPERTIES

Operating Temperature		- 40°F to +180°F
* Peel Strength	ASTM D 1000	>20 lbs lineal
Field Bending	Arctic Service Equipment	1.9 degrees per pipe dia.
Water Absorption	ASTM D 570	0.06 %
Impact Resistance	ASTM G 14	75 in/lbs (10/40 system)
Volume Resistivity	ASTM D 257	10 x 10 ¹⁶ Ohm cm
Dielectric Strength	ASTM D 149 @ 73°F	700 Volts / Mil
Cathodic Disbondment	1.5v / 3% / 70°F /24hrs	6 mm radius

* Peel Strength: Pull rate of (12" / minute) or (1" / 5 seconds). Pull position is 180 degrees in relation to the substrate.