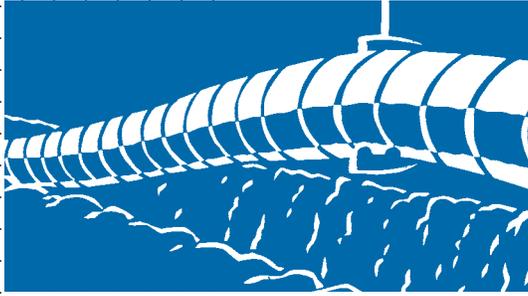


Polyken® Pipeline Coatings



POLYKEN®

GO Coat200™

High Shear Coating System

System Description

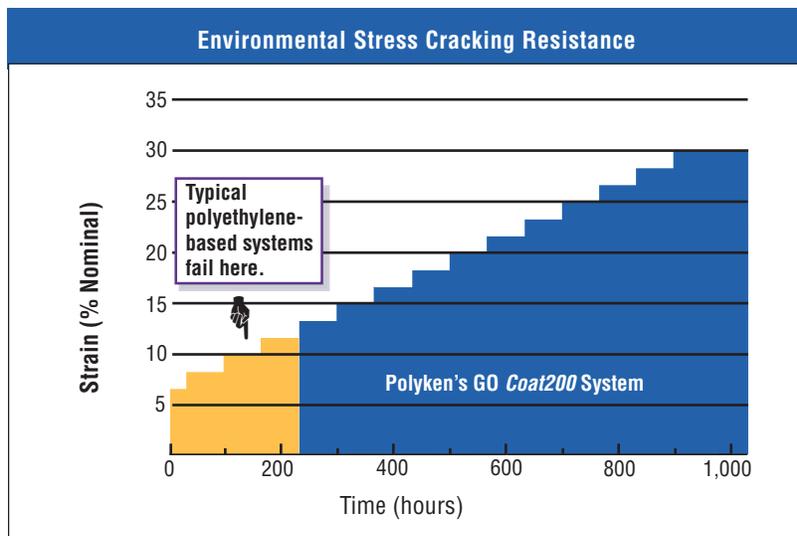
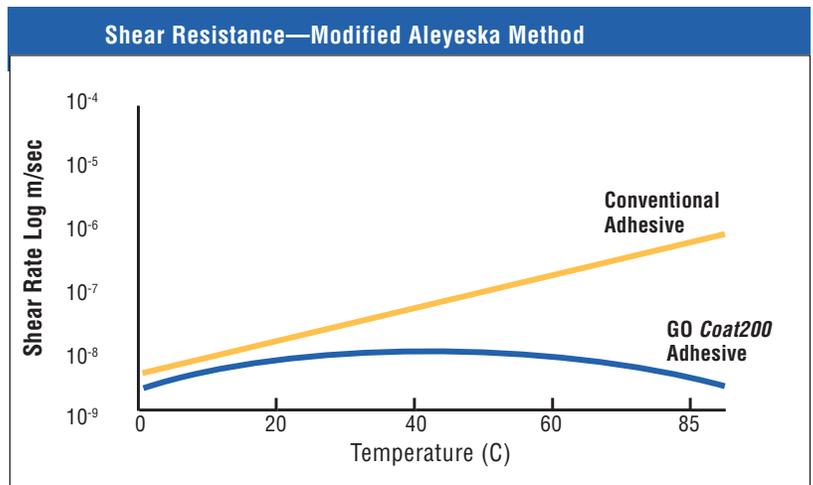
The Polyken GOCoat200 system is designed for in field application on pipe where soil stress conditions exist and with a maximum operating temperature of 200° F (93° C). The system consists of a solvent based elastomeric primer, an anti-corrosion layer formulated with a high-shear elastomeric adhesive and a mechanical protection layer formulated with a stabilized polymeric backing for long-term stability at elevated temperatures.

Product Advantages

Shear resistant up to 200°F (93°C)
 Thermally stable polymeric backing
 Incorporated SCC inhibitors

Established in-ground history
 New construction or reconditioning of existing pipelines

• The crosslinked adhesive of the **GO Coat200** System resists the normal soil and pipe movement stresses that can occur on a pipeline.



• When subjected to simulated field conditions, Polyken's **GO Coat200** System exhibits superior resistance to stress cracking compared to a conventional polyethylene-based system.

System Components

#2019

Primer Layer

Percent solids: 20%
Wt/gal: 7.3 lbs
Flash point: +10° F
- 12°C

#2000

Anti-Corrosion Layer

Thickness: 25 mils
0.64 mm
Tensile: 45 lbs/in
78.8 N/10 mm
Elongation: 500%

#2055

Mechanical Layer

Thickness: 25 mils
0.64 mm
Tensile: 70 lbs/in
122 N/10 mm
Elongation: 500%

System Properties – 50 mil System

	English	Metric
Peel Adhesion to Primed Pipe:		
• ASTM D 1000	18.8 lbs/in	32.7 N/10 mm
Cathodic Disbondment:		
• ASTM G 8	0.8 in radius	20.3 mm radius
• ASTM G 42		
Water Vapor Transmission Rate:		
• ASTM F 1249 100° F, 100% RH	0.03 g/100 in ² /24 hr	0.5 g/m ² /24 hr
Volume Resistivity:		
• ASTM E 257	2.5 x10 ¹⁵ ohm•cm	2.5 x10 ¹⁵ ohm•cm
Dielectric Strength:		
• ASTM D 149	22 kv	22 kv
Impact Resistance:		
• ASTM G 14	45 in•lb	5.1 Joules
Penetration Resistance:		
• ASTM G 17	<15%	<15%
Temperature Range*:		
• Normal application	-30° to 160° F	-34° to 71° C
• Normal continuous service	-30° to 200° F	-34° to 93° C
• Interim short internal operating temperature	-30° to 220° F	-34° to 104° C

*Contact a Berry Plastics representative for specific project requirements.

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Berry Plastics warrants that the product conforms to its chemical and physical description and is appropriate for the use stated on the technical data sheet when used in compliance with Berry Plastics written instructions. Since many installation factors are beyond the control of Berry Plastics, the user shall determine the suitability of the products for the intended use and assume all risks and liabilities in connection herewith. Berry Plastics liability is stated in the standard terms and conditions of sale. Berry Plastics makes no other warranty either expressed or implied. All information contained in this technical data sheet is to be used as a guide and is subject to change without notice. This technical data sheet supersedes all previous data sheets on this product.



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