

# Polyken® Pipeline Coatings



## POLYKEN® # 952 Outerwrap

### System description

POLYKEN 952 is a tough protective pipeline outerwrap designed for use in plant coating operations. Its adhesive is formulated to bond aggressively to Polyken Innerwrap, creating a holiday-free system at the plant coating site. The high-density polyolefin backing of Polyken #952 protects the innerwrap from damage during transportation, handling and installation when reasonable care is exercised. Polyken # 952 is available in thickness of 30 mils.

### Product Features/Benefits

- **Proven Performance** – Polyken Outerwraps such as #952 have proven themselves in-ground on pipelines throughout the world over the past forty years. Polyken #952 will provide a mechanical protection to the pipeline under any climatic conditions, in any terrain.
- **Tough Mechanical Protection** – High impact resistance qualities of Polyken #952 mechanical protection layer provide maximum protection to the primary coating during normal shipping, handling and installation.
- **Ease of Application** – Polyken #952 is engineered to easily achieve a taut, smooth wrap over the Polyken Innerwrap.
- **Strong Bond** – A highly aggressive adhesive is employed for Polyken #952 to provide a superior bond to Polyken Innerwrap and assure a holiday-free finished coating when reasonable care is taken during handling and installation.

### Product Selection Guide

Normal Application (ambient)	-30°F to +160°F
Normal Service (operating temperature)	-30°F to 185°F

### Product construction

Backing	25 mils (.0635 mm)
Adhesive	5 mils (.127mm)
Total Thickness	30 mils (.762mm)

### Physical properties

	Test Methods	Typical Values	
		English	Metric
Tensile strength	ASTM D1000	65 lb/in ( avg)	29.49 kg/cm squared
Elongation	ASTM D1000	500% min	500% min
Adhesion to Backing	ASTM D1000	74 oz/in ( avg)	74 oz/in ( avg)
* Peak average of adhesion to it's own backing			
Dielectric strength	ASTM D149	23 kV	23 kV
Water vapor transmission rate	ASTM 1249 (100°F, 100% RH)	<0.03 gm/100 in2/24 hr	<0.03 gm/100 in2/24 hr
Insulation Resistance	ASTM D-257	1,000,000 megohms	1,000,000 megohms

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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