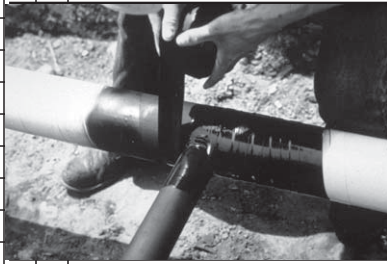


# Polyken® Pipeline Coatings



## POLYKEN® Utility Tape

### System Description

The Polyken utility tape coating systems have a rich tradition in the pipeline industry since their introduction in 1950. Designed specifically for the gas utility, oil field, and plumbing industries, the polyethylene backing and butyl rubber adhesive are highly conformable and remain flexible over a wide temperature range.

### Product Features/Benefits

- Established and proven performance
- Exceeds LT 1512-A, LT-0077, and MIL I-7798
- Conformable to irregular shapes specifications
- Hand or machine application
- Compatible with most generic plant coating systems

### System Products

#### Polyken #900

General utility tape designed for small diameter pipe applications on elbows, fittings, field joints, and pipe sections. Highly conformable hand applied system for tight uniform protection on a wide variety of metal substrates.

#### Polyken # 910

All purpose field applied tape coating system for use in the oil patch and gas fields. Suited for hand application on a variety of steel structures common to the oil field. Frequently used for small makeshift repair and temporary corrosion protection behind protection diameter pipe gathering systems.

#### Polyken # 911 # 908

General utility tape coating system for temporary makeshift repair of primary coating systems. Engineered for either hand or machine application, (only 911, not 908) the system is suited for the in-ground protection of joints, elbows, and tees.

#### Polyken # 920

General utility tape coating system to be used where higher mechanical protection is required. Designed for hand or machine application, the conformable polyethylene backing delivers a tough, uniform corrosion protection system.

### System Component

# 1027 Primer Layer  
Percent solids: 30%  
Wt/gal: 7.3 lbs

Flash point: 40° F  
Also Available: low VOC and zero VOC primer

### Utility Coating

Roll width: 1, 2, 4, 6 inch  
Roll length: 100 feet  
Colors: Black, gray, yellow

### System Component

Thickness:	# 900	# 908	# 910	# 911	# 920
Total Thickness	12 mils	8 mils	10 mils	9 mils	20 mils
• ASTM D 1000	0.3 mm	0.20 mm	0.25 mm	0.23 mm	0.51 mm
Backing Thickness	8 mils	5 mils	6 mils	6 mils	15 mils
Adhesive Thickness	4 mils	3 mils	4 mils	3 mils	5 mils
Tensile Strength:	5 lbs/in	12 lbs/in	18 lb/in	25 lb/in	35 lb/in
• ASTM D 1000	44 N/10 mm	21 N/10 mm	32 N/10 mm	44 N/10 mm	61 N/10 mm
Elongation	175%	300%	250%	100%	250%
• ASTM D 1000					
Peel Adhesion to Primed Pipe:	← 100 oz/in 11 N/10 mm →				
• ASTM G 17					
Dielectric Strength:	13 kv	7 kv	8 kv	13 kv	16 kv
• ASTM D 149					
Water Vapor Transmission Rate:	← 0.05 g/100 in <sup>2</sup> /24 hr - 0.8 g/100 cm <sup>2</sup> /24 hr →				
• ASTM F 1249 100°F, 100%RH					
Holiday Detection Voltage:	4.3 kv	3.5 kv	4.0 kv	3.8 kv	5.6 kv
• NACE RP-02-74					
Temperature Range:	← -30° to 150°F -34 to 66°C →				
• Normal in-ground service					

Covalence Specialty Materials 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 Covalence Specialty Materials written instructions. Since many installation factors are beyond the control of Covalence Specialty Materials, the user shall determine the suitability of the products for the intended use and assume all risks and liabilities in connection herewith. Covalence Specialty Materials liability is stated in the standard terms and conditions of sale. Covalence Specialty Materials 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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