



# POLYKEN® #954

## Protective Pipeline Outerwrap

Polyken® Pipeline Coatings

### Product Description

Polyken 954 is a protective pipeline joint outerwrap that is used where a complete bond of outerwrap to tape is specified. Its tough polyethylene backing provides excellent mechanical protection to anti-corrosion joint wraps. The adhesive assures a complete bond and eliminates the need for tie-downs on the outerwrap. Polyken 954 is designed for hand application over the primary joint wrap.

### Product Features/Benefits

- Worldwide reference lists  
Proven long-term in-ground performance
- Tight Bond  
Tough, pressure sensitive adhesives means the outerwrap bonds and stays permanently
- Easy Application  
Engineered to achieve a taut, smooth wrap over a wide range of joint coatings, Polyken 954 is the first choice when protection of the primary joint wrap is required. It gives a smooth, tough protection to the pipeline under all climatic conditions, in any terrain, anywhere in the world.

### Product Selection Guide

Max operating temperature	66°C (150°F)
Compatible Line & Joint Coatings	Polyken Tapes 930, 932, 934, 980, 955, 942, 943

### Product Construction 954-15

Backing	11 mils (0.28 mm)
Adhesive	4 mils (0.10 mm)
Backing color	White

Product Properties	Test method	Typical Value
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Tensile Strength	ASTM D1000	30 lbs/in (52 N/cm)
Elongation	ASTM D1000	200 %
Adhesion to backing	ASTM D1000	45 oz/in (5 N/cm)

## Ordering Information

Polyken 954 Tape Coatings available in roll form

Example : 954-15 WHI 2x100 1.5

954	Product type	Standard Ordering options
15	Total tape thickness in mils	15 mils (0.38 mm)
WHI	Tape backing color	White (WHI)
2	Tape width in inches	2" (50 mm), 4"(101 mm), 6"(152 mm)
100	Tape roll length in feet	100 ft (30 M)
1.5	Tape inner core diameter in inch	1.5" (38 mm)

For other ordering options please contact your Tyco Adhesives' representative.

## Equation for Pipe Coating Requirements

$$\frac{(\text{Width of Coating in inches}) \times (\text{Area of pipe in square feet})^*}{(\text{Width of Coating in inches} - \text{Overlap in inches}) \times 100} = \text{Squares}^{**} \text{ of Coating Required}$$

\* Area of pipe in square feet = (Diameter in inches) / 12 x 3.1416 x (Length in ft)

\*\* One Square = One hundred square feet = 9.29 square meters

$$\frac{(\text{Width of Coating in mm}) \times (\text{Area of pipe in square meter})^*}{(\text{Width of Coating in mm} - \text{Overlap in mm})} = \text{Square meters of Coating Required}$$

\*Area of pipe in square meter = (Diameter in mm) /1000 x 3.1416 x (Length in meter)

Tyco Adhesives 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 Tyco Adhesives' written instructions. Since many installation factors are beyond the control of Tyco Adhesives, the user shall determine the suitability of the products for the intended use and assume all risks and liabilities in connection herewith. Tyco Adhesives' liability is stated in the standard terms and conditions of sale. Tyco Adhesives 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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[www.tycoadhesives.com](http://www.tycoadhesives.com)

A **tyco** International Company

Headquarters  
Tyco Adhesives  
Tel: +1 508 918 1714  
US Toll Free: +1 800 248 0149  
Fax: +1 508 918 1910  
Email: [CPG@tycoadhesives.com](mailto:CPG@tycoadhesives.com)

North America  
Tyco Adhesives L.P. (Houston)  
Tel: +1 713 676 0085  
US Toll Free: +1 888 676 7202  
Fax: +1 713 676 0086  
E-mail: [CPGH@tycoadhesives.com](mailto:CPGH@tycoadhesives.com)

Tyco Adhesives L.P. (South America)  
Tel US: +1 866 9 CORROSION  
Fax US: +1 619 424 4258  
Tel Mexico: +52 664 607 0926  
Fax Mexico: +52 664 623 6463  
Email: [CPGTJ@tycoadhesives.com](mailto:CPGTJ@tycoadhesives.com)

In Europe, Middle East, Africa,  
Asia & Pacific  
Tyco Adhesives B.V.B.A.  
Tel: +32 16 55 36 00  
Fax: +32 16 55 36 74  
E-mail: [CPGE@tycoadhesives.com](mailto:CPGE@tycoadhesives.com)

Local Distributor / Representative:

For contact details of local Distributors / Representatives  
please visit [www.tycoadhesives.com](http://www.tycoadhesives.com).