Polyken # 954

Protective Pipeline Outerwrap



Market

Oil and Gas Utility Pipeline Rehabilitation Water Distribution, Infrastructure and Transmission Wellhead, Gathering & Flow Lines

Applications

Hand or machine applied. Reconditioning or bell hole rehabilitation. Plant applied coatings with

tie-ins & patch & repair uses.

Temperature Range

up to 85°C (185°F)

Performance

AWWA C-209

System Description

The Polyken 954 is a protective pipeline joint outerwrap that is outerwrap to tape is specified.

Its tough polyethylene backing provides mechanical protection to excellent used where a complete bond of 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 theprimary joint wrap.

Product Advantages

- 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

- Operating temperature -34°F (-30°C) to185°F (85°C)
- · Compatible line & joint coatings Polyken tapes 930, 932, 934, 980, 955, 942 and 4000

Product Construction

954-15

Total thickness

Backing

Adhesive

• Backing Color

15 mils (0.39 mm)

11 mils (0.28 mm)

4 mils (0.10 mm)

White

DS-954-REV9-AUG12-AARPS-0452

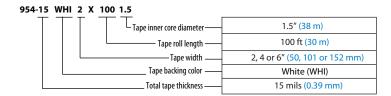
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Product Properties

Properties	Test Method	Typical Value
Tensile strength	ASTM D1000	20 lbs/in. (35 N/cm)
Elongation	ASTM D1000	200%
Adhesion to backing * Peak average of adhesion to it's own backing	ASTM D1000	25 oz/in. (2.8 N/cm)

Ordering Information

Polyken 954 Tape Coatings are available in roll form.



For other ordering options please contact your Berry Plastics representative.

Equation for Pipe Coating Requirements

(Width of Coating in inches) x (Area of pipe in square feet)*

= Squares** of Coating Required

= Square meters of Coating Required

(Width of Coating in inches - Overlap in inches) x100

(Width of Coating in mm) x (Area of pipe in square meter)*

(Width of Coating in mm – Overlap in mm)



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^{*} Area of pipe in square feet = (Diameter in inches) / $12 \times 3.1416 \times (Length in ft)$

^{**} One Square = One hundred square feet = 9.29 square meters

^{*}Area of pipe in square meter = (Diameter in mm) $/1000 \times 3.1416 \times$ (Length in meter)