

Polyken # 954 HT

Protective Pipeline Outerwrap



Market	Applications	Temperature Range	Performance
Oil and Gas Utility Pipeline Rehabilitation Water Distribution, Infrastructure and Transmission Wellhead, Gathering & Flow Lines	Hand or machine applied. Reconditioning or bell hole rehabilitation. Plant applied coatings with tie-ins & patch & repair uses.	up to 85°C (185°F)	AWWA C-209

System Description

The Polyken 954 HT 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 HT is designed for hand application over the primary 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 HT 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) to 185°F (85°C)
- **Compatible line & joint coatings**
Polyken tapes 930, 932, 934, 980, 955, 942 and 4000

Product Construction

	954 HT
• Total thickness	15 mils (0.39 mm)
• Backing	11 mils (0.28 mm)
• Adhesive	4 mils (0.10 mm)
• Backing Color	White

Product Properties

Properties	Test Method	Typical Value
Tensile strength	ASTM D1000	20 lbs/in. (35 N/cm)
Elongation	ASTM D1000	200%
Adhesion to backing	ASTM D1000	45 oz/in. (5 N/cm)

**Peak average of adhesion to it's own backing*

Ordering Information

Polyken 954 HT Tape Coatings are available in roll form.

954 HT WHI 2 X 100 1.5

Tape inner core diameter	1.5" (38 m)
Tape roll length	100 ft (30 m)
Tape width	2, 4 or 6" (50, 101 or 152 mm)
Tape backing color	White (WHI)

For other ordering options please contact your Berry Plastics 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)

DS-954-HT-REV3-AUG12-AARPS-0453



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