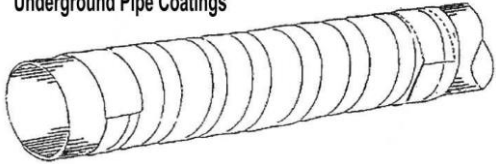


POLYKEN 1600 HT Tape

The Valuable Solution For
Underground Pipe Coatings



1600 High Temperature

Cold Applied Tape Coating System

Description

The **POLYKEN 1600-HT** system is designed for the corrosion protection of new and existing pipelines with a maximum operating temperature of 250°F(121°C). The primer layer is a solvent-based, thermally-activated material formulated for elevated temperature stability. The coating layer consists of a cross-linked polyethylene backing and a cross-linked elastomeric adhesive capable of maintaining long-term protection at elevated temperature. The **POLYKEN 1600 HT** has a release liner to enable proper unwinding of the roll. **POLYKEN[®] 1019** Liquid Adhesive should be used as primer for this system.

System Components

Primer layer #1019	#1600 HT
Percent solids: 20	Thickness: 30 mils(0.762 mm)
Flash point: 7°C (+45°F)	Tensile strength: 40 lbs/in(70 N/10 mm)
	Elongation: 500%

Product Construction

Backing 10 mils(0.254 mm)
Adhesive 20 mils (0.508 mm)

Features

- Excellent adhesion to pipe and self
- Can be applied over a wide temperature range
- Good conformability and consistent uniform thickness
- Easily applied with no special equipment
- Compatible with common pipe coatings
- Excellent resistance to cathodic disbonding

Properties

PROPERTIES	TYPICAL VALUES
	POLYKEN 1600HT-30
Tensile strength:	40 lbs/in(70 N/10 mm)
Elongation	500%
Peel Adhesion to Primed Pipe	40 N/cm
to backing	20N /cm
Dielectric Strength	40 KV
Cathodic Disbandment	9.5 mm radius
Impact resistance	3.2J
Volume Resistivity	1.2 x 10 ¹⁵ ohm.cm
Water Vapor Transmission Rate	0.06g/M ² /24h
Water Absorption Rate	< 0.08%
Serve temperature	-40 to +120 °C