



PROTECTING YOUR WORLD

# POLYcoat

## POLYcoat 760

High Performance Tape

### Description

Cold applied, reinforced tape designed to protect metallic and concrete surfaces against corrosive forces. It is constituted by an adhesive (modified bitumen with synthetic rubber), laminated onto a film of woven polypropylene fabric and a disposable release sheet, which creates a strong bond with the pipe surface, protecting against moisture penetration.

### Uses

Protection against both mechanical impact and chemical and electrical corrosive forces. It is one of our feature products for the rehabilitation of medium and large diameter pipelines.

### Characteristics

POLYcoat 760 provides an effective protection against high soil stress abrasion, and mechanical impact and tear resistance.

POLYcoat 760 is available in three different thicknesses (1.1, 1.27, 1.4 mm) and can be applied in multiple layers if additional coverage is needed.

POLYcoat 760 can be installed with hand or machine wrapped non-hazardous equipment, thus reducing operation costs, application time and the danger of injury.

### Application

The surface shall be free of dust, paint, oils, fats, and all other strange elements.

The entire prepared surface must be immediately primed to avoid the formation of oxide and must be coated within 24 hours.

The pipelines are generally coated in spiral form manually or with machine avoiding the formation of wrinkles, air globes and with enough tension to adapt to all the irregularities of the surface, except the first and last return.

Particulars	Properties	Test Method
Base film	PP Woven Fabric	---
Base film thickness	0.3 mm +/- 0.05mm	ASTM-D1000
Compound	Modified Bitumen	---
Compound thickness	≥ 0.80, 1.00, 1.10 mm	ASTM-D1000
Total thickness	≥ 1.10, 1.27, 1.40 mm	ASTM-D1000
Tensile strength	≥ 180 N/cm	ASTM-D1000
Peel on primed steel	≥ 45 N/cm	ASTM-D1000
Peel on Base	≥ 25 N/cm	ASTM-D1000
Cathodic disbondment	≤ 5 mm	ASTM-G8
Conformance	Excellent	---
Dielectric rigidity	≥ 25 kV	ASTM-D149
Water absorption	≤ 0.35 %	ASTM-D570
Fungus resistance	Satisfactory	ASTM-G21
Bacteria resistance	Satisfactory	ASTM-G22
Impact resistance double cover	≥ 100 lb. inch	ASTM-G14
Impact resistance single cover	≥ 30 lb. inch	ASTM-G14
Application temperature	-5 to +50 oC	---
Operation temperature	-10 to +50 oC	---

### Tape Dimensions

Tape Width	m2/Roll		m2/Case		Pipe Diameter Range
	1.10 1.27	1.40	1.10 1.27	1.40	
50 mm	1.25	1	15	12	50 – 80 mm
100 mm	2.50	2	15	12	80 – 150 mm
150 mm	3.75	3	15	12	200 – 250 mm
200 mm	5.00	4	10	8	250 – 300 mm
250 mm	6.25	5	12.5	10	350 – 400 mm
300 mm	7.50	6	15	12	≥ 400 mm

\* 1.10 & 1.27mm thickness rolls are 25 meters in length.  
1.40mm thickness rolls are 20 meters in length.