



# Protecto Wrap®

## 200 & 200GT Cold Applied Pipe Tape

**High Density  
High Strength  
Corrosion Protection  
Pipe Wrap For New  
and Reconditioning  
Work**

**Protecto Wrap Pipeline Protection Systems**  
Protecto Wrap Company for over 35 years has been known for its excellence in research and development, and the high quality of pipeline protection materials manufactured. Our products meet or exceed corrosion protective properties of pipe wraps for almost any job specifications and offer you the benefits of our experience and field service to back up the quality of our products.

# 200 & 200GT Pipe Tape

## Compare Features

- Cold Application
- Wide Temperature Ranges
- High Conformability
- Excellent Chemical Stability
- Exceptional Mechanical Strength
- High Dielectric Strength
- Little Cold Flow
- Low Moisture Absorption Rate
- Rapid Overlap Bond

### Product Description

Protecto Wrap's 200 & 200GT pipe tapes are cold applied pipe wraps that can be used on all types and sizes of pipe applications for protection against moisture and corrosion and can be hand applied using either a spiral or cigarette wrap technique.

200 & 200GT tapes are manufactured from a formulation of premium grade aromatic bituminous resins modified with synthetic resins.

A special high strength film is bonded to the outer surface of the tapes which provides exceptional mechanical strength, easy handling, abrasion resistance to rough soil or aggregate particles.

A backing separator sheet removes easily, keeps the bonding surface fresh and is removed during application for easier handling.

Protecto Wrap's 200GT pipe tape is reinforced with an inert reinforcing material for extra mechanical strength and for applications where extra protection against abrasion is required.

200 & 200GT pipe wraps can be applied over a wide temperature range from 30°F to 160°F making these products ideal for almost any type of pipe wrap under most temperature and climatic conditions.



# 200 & 200GT Cold Applied Pipe Tape

## Application Procedures

1. Clean the pipe surface to be wrapped of all dirt, rust and foreign elements by the normal wire brush method.
2. Remove about 2" of kraft paper from each end of the roll or yard coating.
3. Apply Protecto Wrap primer to the cleaned surface with a paint brush and about 2" back on each end of the factory coating.
4. Remove the backing separator from the tape for about 6"; when the primer becomes tack free, begin the spiral wrap with the film covered side of the tape up.
5. Remove and discard the backing separator from the tape as you wrap.
6. Use only enough pull on the tape to conform it properly to irregular surfaces of the pipe or fitting.
7. When the end of the wrap is reached, release all pull on the tape, cut the tape and if desired prime the end with Protecto Wrap primer. Smooth the end into place over the previous lap.
8. Lightly press overlap seams to insure a firm contact and bond.
9. When using a cigarette wrap for 200 & 200GT tape, follow all instructions above and brush the tack side of the tape lightly with Protecto Wrap primer where it forms a seam, smoothing it down with your hand.
10. When wrapping pipe to be jacked or pushed under crossings, always start and end joint with tape at a 90° angle to the pipe and use a minimum of primer at the overlap seam.

## Product Technical Data

### General Properties

Thickness	35 ± 5 mils and 46 ± 5 mils
Tack	Excellent
Bond to Primed Steel	Excellent
Adhesion to backing	Excellent

### Temperature Ranges

Application	+ 30°F to + 160°F
In Service	- 40°F to + 160°F

### Moisture Resistant Properties

Test	Value	Method
Moisture Vapor Transmission	0.96 grams/M <sup>2</sup> -24 hrs.	ASTM-E-96B
Water Absorption	.2% Maximum	ASTM-D-570

### Electrical Properties

Test	Value	Method
Dielectric Strength	1 Thickness-20,000 volts	ASTM-D-149
Volume Resistivity	Greater than 10 <sup>14</sup> (ohm/cm)	ASTM-D-257
Insulation Resistance	(Megohms) 1,000,000	ASTM-D-1000

### Cathodic Disbondment Properties

Test	Value	Method
Salt Crock Solution-30 Days	1.00 in <sup>2</sup> Average Area of Disbondment	ASTM-G8-72

### Physical Properties

Test	Value	Method
Backing	.006" PVC	n.a.
Tensile Strength	200-250 lbs. per sq. in. minimum	ASTM-D-882
	200 GT-300 lbs. per sq. in. minimum	ASTM-D-882
Elongation	200-150%	ASTM-D-882
Tar Softening Point	200 GT-75%	ASTM-D-36
Bond to Primed Steel	200°F minimum Peel Strength Exceeds Tensile Strength	ASTM-D-903

### Chemical Resistance

Environment	Resistance
Hot and Cold Water	Insoluble
Hot and Cold Brine	Insoluble
Alcohols	Insoluble
Inorganic Acids	Resistive
Alkalis	Resistive
Bacteria	Resistive
Fungus	Resistive
Soils	Resistive
Marine Life	Resistive
Rodents	Resistive

The information and values listed under Product technical data are averages and should not be considered exact values. For specific information and values please contact Protecto Wrap Company, 2255 S. Delaware St., Denver, Colorado 80223 U.S.A.

## 200 & 200GT TAPE

### Products and Packaging

Width	Roll Length	Rolls per Carton	Weight per Carton	Squares per Carton
2"	50'	24	60	2
4"	50'	12	60	2
6"	50'	8	60	2
8"	50'	4	40	1.33
9"	50'	4	45	1.5
12"	50'	4	60	2
18"	50'	2	45	1.5
24"	50'	2	69	2
30"	50'	1	41	1.25

### Pipe Wrap Coverage

#### Spiral Wrap

#### Lineal Feet of Pipe Coated per Roll

Nominal Pipe Size	2" Wide Tape		4" Wide Tape		6" Wide Tape		8" Wide Tape	
	½" Lap	50% Lap	½" Lap	50% Lap	½" Lap	50% Lap	½" Lap	50% Lap
½"	28.44	18.94						
¾"	22.71	15.15						
1"	18.08	12.04						
1¼"	14.37	9.58	33.53	19.16				
1½"	12.57	8.38	29.34	16.77				
2"			23.41	13.38				
2½"			19.33	11.05				
3"			15.92	9.10				
4"			12.38	7.07	19.45	10.61		
5"			10.00	5.71	15.71	8.57		
6"			8.40	4.80	13.20	7.20		
8"			6.45	3.69	10.15	5.53	13.84	7.38
10"			5.18	2.96	8.14	4.44	11.11	5.92
12"			4.37	2.50	6.86	3.74	9.36	5.00

#### Cigarette Wrap

#### Lineal Feet of Pipe Coated per Roll

Nominal Pipe Size	12" Wide Tape		18" Wide Tape		24" Wide Tape		30" Wide Tape	
	½" Lap	50% Lap	½" Lap	50% Lap	½" Lap	50% Lap	½" Lap	50% Lap
8"	20.12	10.06	30.18	15.09	40.24	20.12	50.30	25.15
10"	16.16	8.08	24.23	12.12	32.31	16.16	40.39	20.19
12"	13.62	6.81	20.42	10.22	27.23	13.62	34.04	17.03
14"	12.40	6.20	18.60	9.30	24.80	12.40	31.00	15.50
16"	10.85	5.42	16.28	8.13	21.70	10.85	27.13	13.56
18"	9.65	4.83	14.48	7.24	19.31	9.65	24.13	12.07
20"	8.68	4.34	13.02	6.51	17.36	8.68	21.70	10.85
22"	7.89	3.94	11.83	5.91	15.77	7.89	19.72	9.86
24"	7.28	3.64	10.92	5.46	14.58	7.28	18.20	9.10
26"	6.68	3.34	10.01	5.01	13.35	6.68	16.69	8.34
30"	5.79	2.89	8.68	4.34	11.57	5.79	14.47	7.23
34"	5.11	2.55	7.66	3.83	10.21	5.11	12.77	6.38
36"	4.82	2.41	7.23	3.62	9.64	4.82	12.05	6.03

On pipe sizes 10" through 36", "Cigarette Wrap" application is recommended. Quantities shown allow 10% additional material for side and top overlaps.