

## 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	
	1/2 Lap	50% Lap	1/2 Lap	50% Lap	1/2 Lap	50% Lap	1/2 Lap	50% Lap
1/2"	28.44	18.94						
3/4"	22.71	15.15						
1"	18.08	12.04						
1 1/4"	14.37	9.58	33.53	19.16				
1 1/2"	12.57	8.38	29.34	16.77				
2"			23.41	13.38				
2 1/2"			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	
	1/2 Lap	50% Lap	1/2 Lap	50% Lap	1/2 Lap	50% Lap	1/2 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	14.56	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.



**PROTECTO WRAP COMPANY**  
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P200-300 (9-20)



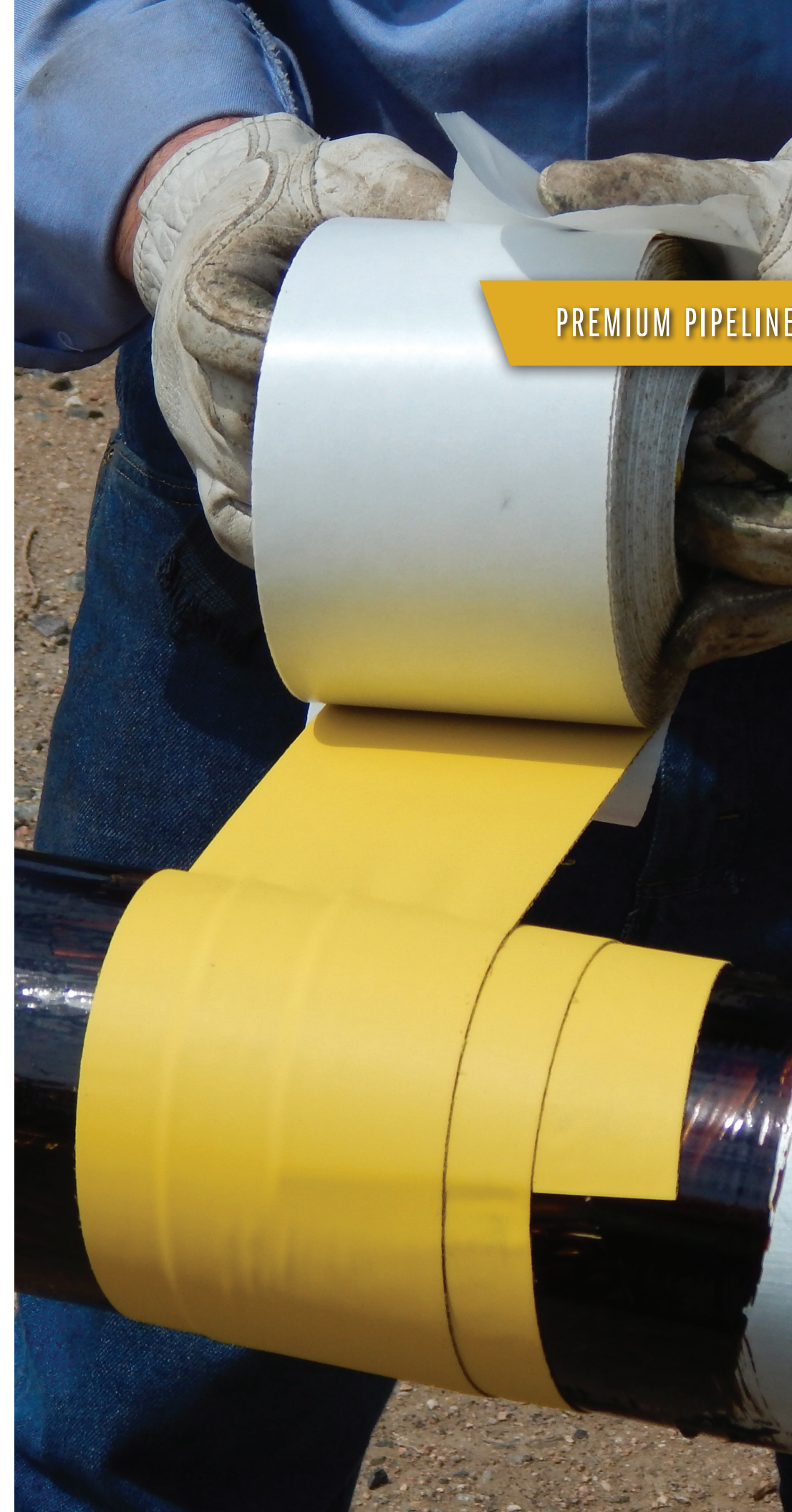
SINCE 1952

PREMIUM PIPELINE PRODUCTS THAT PROTECT

# 200-35

## COLD APPLIED TAPE

High Strength  
Corrosion Protection  
Pipe Wrap for  
New & Reconditioning Work  
Yellow TPO Facer Identifies  
Natural Gas Pipelines







SINCE 1952

# 200-35 COLD APPLIED TAPE

- Cold Application
- High Conformability
- Excellent Chemical Stability
- High Dielectric Strength
- Rapid Overlap Bond
- Excellent Cathodic Disbondment Resistance
- Exceptional Mechanical Strength
- Self Healing Properties
- Yellow TPO Facer Identifies Oil and Gas Pipelines



Since 1952, Protecto Wrap Company has been manufacturing the highest quality pipe wrapping tapes available on the market. **Proven with Science, Preferred by the Pros!**

## PRODUCT DESCRIPTION

**Protecto Wrap 200-35™ Pipe Wrap** is designed for pipelines and girthwelds for wrapping steel gas and oil pipe joints and pipelines providing exceptional cathodic protection. The superior corrosion resistance of our high SBS content rubberized asphalt adhesive combined with a tough TPO facer provides exceptional corrosion resistance where required.

Protecto Wrap 200-35 can be applied over a wide temperature range from 30°F to 160°F making this product ideal for both pipe welds and full pipeline coverage under most temperature and climatic conditions.

## ADVANTAGES

- Yellow TPO facer identifies oil and gas pipelines.
- The facer offers excellent conformability to irregular surfaces and has high puncture resistance to rough back fill materials.
- Fast and easy application and can be backfilled immediately after coating.
- Excellent resistance to water or vapor transmission.
- Not subject to deterioration due to exposure to below ground acids and alkalis that are encountered in normal soil.
- Provides uniform factory controlled thickness, compared to field applied liquid coatings.
- Elastomeric properties of 200-35 accommodate normal expansion and contraction of the substrate and in-service pipelines.
- Can also be used for sealing concrete joints in manholes and sewer lines.
- Adheres to steel, cast iron, PVC, epoxy coatings, concrete and almost any surface through the primer coat.

## PACKAGING

Width	Roll Length	Rolls per Carton	Weight per Carton	Squares per Carton
2"	50'	24	52 lbs.	2
4"	50'	12	52 lbs.	2
6"	50'	8	52 lbs.	2
9"	50'	4	41 lbs.	1.5
12"	50'	4	52 lbs.	2

## TECHNICAL DATA

PROPERTIES	TEST METHOD	TEST RESULTS (English/Metric)
Color		Yellow
Thickness		35 mil/0.89 mm
Tensile Strength	ASTM-D-882	200 psi/90.71 kg
Elongation	ASTM-D-882	>800%
Moisture Vapor Transmission	ASTM-E-96B	0.4 (grains/H x ft²)/ 0.2 (grains/H x M²)
Puncture Resistance	ASTM-E-154	50 psi/344 kPa
Burst Strength	ASTM-D-751	Good
Cathodic Disbondment	ASTM-G8-96	Pass
Dielectric Strength	ASTM-D-149	1 Thickness > 20,000 volts
Adhesion to Primed Surface	ASTM-D-1000-A	20 lbf/inch width/2260 (N mm width)
Adhesion to Polyethylene	ASTM-D-1000-A	16 lbf/inch width/1810 (N mm width)
Impact Resistance	ASTM-G-14	(23.0 inch lb)/2.6 G/cm
Volume Resistivity	ASTM-D-257	Good
Insulation Resistance	ASTM-D-1000	(Megohms) 1,000,000
Softening Point	ASTM-D-903	225 °F Minimum/107 °C
Installation Temperature		30 °F to 160 °F/-1.1 to 71.1 °C
In-Service Temperature		-40 °F to 280 °F/-40 °C to 138 °C)
Warranty		10 Years

## APPLICATION PROCEDURE

1. Apply Protecto Wrap G Primer or Universal Water Based Primer to the cleaned surface with a paint brush or roller. Allow primer to dry to a tacky but not wet state. Do not cover wet primer.
2. Remove the release liner from the tape for 6" and begin wrapping the pipe. Tension should be pulled on the tape during installation, smoothing the tape as it comes into contact with the primed pipe. When using spiral applications make sure overlap is a minimum of 2". With cigarette wrapping end lap should be a minimum of 4".
3. Remove and discard the backing separator from the tape as you wrap.
4. Firmly press overlap seams to insure a firm contact and bond.

## CAUTION

Protecto Wrap Company recommends the use of safety glasses and gloves.

## LIMITED WARRANTY

This product is covered by the Protecto Wrap Standard 10 year Limited Product Warranty.