



SINCE 1952

PREMIUM PIPELINE PRODUCTS THAT PROTECT

# GT-50 PIPE WRAP™ COLD APPLIED TAPE

High Strength Corrosion  
Protection Pipe Wrap for New  
and Reconditioning Work

Woven Facer Provides  
Exceptional Resistance to  
Rough Backfill Material

SHIELDING & NON-SHIELDING

## 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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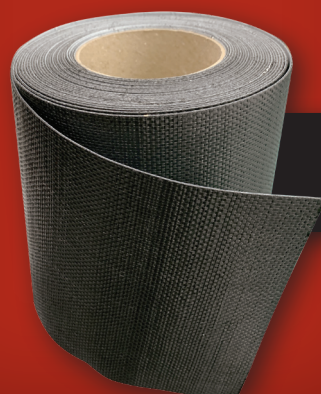
GEOT-300 (9-20)



SINCE 1952

# GT-50 PIPE WRAP COLD APPLIED TAPE

- Cold Application
- High Conformability
- Excellent Chemical Stability
- High Dielectric Strength
- Rapid Overlap Bond
- Shielding and Non-Shielding
- Exceptional Mechanical Strength
- Excellent Cathodic Disbondment Resistance
- Self Healing Properties



SHIELDING & NON-SHIELDING

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

**GT-50 Pipe Wrap™** is a tough woven Geotextile faced 50 mil thick pipe tape designed for wrapping steel Gas and Oil pipelines and pipe joints providing exceptional cathodic protection.

## ADVANTAGES

- GT-50 Pipe Wrap combines our proprietary high content SBS modified rubberized asphalt adhesive with a heavy duty woven polypropylene backing that has high impact and puncture resistance. The tough facer adds excellent abrasion resistance from rough backfill.
- The geotextile facer properties of high strength, low stretchability elongation and high temperature resistance all contribute to high resistance to soil stress.
- Fast and easy to apply, can be backfilled immediately after application.
- Has superior resistance to water and vapor transmission.
- Elastomeric properties of GT-50 accommodate normal expansion and contraction of in-service pipelines.
- When properly installed as a tight bonded corrosion coating the tape will perform as a shielding system. In the event the wrap is compromised or disbonded from the pipe, the tape will allow electrolyte - current to travel to the pipe.
- Provides uniform factory controlled thickness compared to field applied liquid coatings.
- Adheres to steel, cast iron, PVC, epoxy coatings, concrete and almost any surface through the primer coat.
- Can be used for new construction and rehabilitation of in-service pipeline.

## PACKAGING

Width	Roll Length	Rolls per Carton	Weight per Carton	Squares per Carton
2"	50'	24	60 lbs.	2
4"	50'	12	60 lbs.	2
6"	50'	8	60 lbs.	2
9"	50'	4	45 lbs.	1.5
12"	50'	4	60 lbs.	2

## TECHNICAL DATA

PROPERTIES	TEST METHOD	TEST RESULTS (English/Metric)
Color		Black
Thickness	ASTM-D-1000	0.05 inches (50 mil)/1.27 mm
Tensile Strength	ASTM-D-882	200 lbs/90.71 kg
Elongation	ASTM-D-882	29%
Moisture Vapor Transmission	ASTM-E-96B	0.4 (grains/H x ft <sup>2</sup> )/0.3 (grains/H x M <sup>2</sup> )
Puncture Resistance	ASTM-E-154	436 psi/3006 kPa
Burst Strength	ASTM-D-751	Good
Cathodic Disbondment	ASTM-G8-96	Pass
Dielectric Strength	ASTM-D-149	1 thickness > 12,000 volts >12 KV
Adhesion to Primed Surface	ASTM-D-1000-A	20 lbf/inch width(N mm width)/2260 N mm
Adhesion to Polyethylene	ASTM-D-1000-A	16 lbf/inch width(N mm width)/1810 N mm
Impact Resistance	ASTM-G-14	23.0 inch lbs/2.6 G/cm
Volume Resistivity	ASTM-D-257	Good
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
Non-Shielding		

## 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.