

**CALPICO
INC.**



**PROTECT PIPE and
FITTINGS ABOVE and
BELOW GROUND . . .**

**WRAP IT *with*
CALPICO**

VINYL TAPE

**HIGH STRENGTH & DURABILITY ■ EX-
CELLENT CORROSION RESISTANCE ■
HIGH ADHESION ■ HIGH ABRASION
RESISTANCE ■ RETAINS FLEXIBILITY
UNDER EXTREME TEMPERATURES**

Calpico polyvinyl tape is formulated to produce the best anti-corrosion pipe wrapping tape on the market today. It is a tough, all-weather tape and retains its flexibility in all types of weather.

Calpico tape is an ideal joint tape as it conforms perfectly to irregular surfaces. It has excellent corrosion resistance coupled with high adhesion properties and flexibility which assures efficient application by machine or hand wrapping.

Calpico Tape is available in 10 and 20 mil thickness. It is available in either printed (with identification) or plain black. The 10 mil tape comes in 100-foot rolls and the 20 mil tape comes in 50-foot rolls. Both types are available in widths of 1", 2", 3", 4", and 6".

Special widths are also available upon request.

PROPERTIES OF CALPICO PIPE WRAPPING TAPE

Style	V-10	V-20	V1-10 (Vinyl Identified)	V1-20 (Vinyl Identified)
Film	Polyvinyl	Polyvinyl	Polyvinyl	Polyvinyl
Gauge, mils	10±1	20±1	10±1	20±1
Breaking strength (lbs. per in. width ASTM D-1000)	31	42	31	42
Ultimate elongation (before breaking) percent (ASTM D-1000)	300	350	300	350
Adhesion. ASTM on polished steel (oz./in. of width ASTM D-1000)	30	30	30	30
Adhesion. On tape itself (oz./in. of width)	35	35	35	35
Water absorption 24-hr. immersion ASTM D-570	0.25	0.25	0.25	0.25
Dielectric strength	10,000	20,000	10,000	20,000

Calpico Tapes have excellent film resistance to aging, sunlight and weather, water and salt water, plant acids, animal acids (non-oxidizing), acids and alkalis, corrosive salts and fumes. The temperature limits of all Calpico tape is 176° F.

PIPE COVERAGE TABLE

Pipe Size in Inches		Recommended Tape Width	Minimum Tape Overlap	Squares of Tape Needed Per 100 Lineal Feet of Pipe	Squares of Tape Needed Per 100 Lineal Feet of Pipe	Number of Square Feet Per 100 Lineal Feet of Pipe	Pipe Size in Inches		Recommended Tape Width	Minimum Tape Overlap	Squares of Tape Needed Per 100 Lineal Feet of Pipe	Squares of Tape Needed Per 100 Lineal Feet of Pipe	Number of Square Feet Per 100 Lineal Feet
ID	OD			Minimum Overlap	Half-Lapped		ID	OD			Minimum Overlap	Half-Lapped	
1/2"	.84"	1"	1/4"	.293	.44	22.0	10"	10.75"	6"	1/2"	3.070	5.628	281.4
		1"	1/4"	.367					8"	1/2"	3.002		
3/4"	1.05"	2"	3/8"	.339	.55	27.5	11"	11.75"	6"	1/2"	3.356	6.152	307.6
		1"	1/4"	.461	.692	34.6			8"	1/2"	3.281		
1"	1.32"	2"	3/8"	.426			12"	12.75"	6"	1/2"	3.641	6.676	333.8
		4"	1/2"	.395					8"	1/2"	3.561		
1 1/4"	1.66"	2"	3/8"	.535	.870	43.5		14"	6"	1/2"	3.998	7.330	366.5
		4"	1/2"	.497					8"	1/2"	3.909		
1 1/2"	1.90"	2"	3/8"	.612	.994	49.7		16"	6"	1/2"	4.570	8.378	418.9
		4"	1/2"	.569					8"	1/2"	4.468		
2"	2.38"	2"	3/8"	.767	1.246	62.3		18"	6"	1/2"	5.141	9.426	471.3
		4"	1/2"	.713					8"	1/2"	5.027		
2 1/2"	2.88"	2"	3/8"	.928	1.508	75.4		20"	6"	1/2"	5.712	10.472	523.6
		4"	1/2"	.862					8"	1/2"	5.585		
3"	3.50"	2"	3/8"	1.127	1.832	91.6		22"	6"	1/2"	6.283	11.520	576.0
		4"	1/2"	1.047					8"	1/2"	6.144		
3 1/2"	4.00"	2"	3/8"	1.289	2.094	104.7		24"	6"	1/2"	6.817	12.498	624.9
		4"	1/2"	1.197					8"	1/2"	6.667		
4"	4.50"	2"	3/8"	1.450	2.356	117.8		26"	6"	1/2"	7.426	13.614	680.7
		4"	1/2"	1.346					8"	1/2"	7.261		
4 1/2"	5.00"	4"	1/2"	1.496	2.618	130.9		30"	6"	1/2"	8.568	15.708	785.4
5"	5.57"	4"	1/2"	1.667	2.916	145.8			8"	1/2"	8.378		
		4"	1/2"	1.984	3.472	173.6		34"	6"	1/2"	9.710	17.802	890.1
6"	6.63"	6"	1/2"	1.894					8"	1/2"	9.494		
		4"	1/2"	2.282	3.994	199.7		34"	12"	1/2"	9.288		
7"	7.63"	6"	1/2"	2.178					6"	1/2"	10.281	18.850	942.5
		4"	1/2"	2.582	4.518	255.9		36"	8"	1/2"	10.053		
8"	8.63"	6"	1/2"	2.464					12"	1/2"	9.835		

GUIDE FOR TAPE NEEDED PER JOINT

Pipe Size	Sqs. Per Joint	100-foot Long Rolls	Pipe Size	Sqs. Per Joint	100-foot Long Rolls
3/4"	.008	20 Joints per 2" wide roll	12"	.093	3 Joints per 4" wide roll
2"	.017	10 Joints per 2" wide roll	18"	.133	5 Joints per 6" wide roll
4"	.033	5 Joints per 2" wide roll	24"	.176	3 Joints per 6" wide roll
6"	.049	7 Joints per 4" wide roll	36"	.263	4 Joints per 12" wide roll
8"	.063	5 Joints per 4" wide roll	42"	.307	3 Joints per 12" wide roll

Above based on approx. 50% overlap and waste factor added.

**CALPICO
INC.**