

PIPE SAVER™

ROCKSHIELD

Protect pipes from corrosion

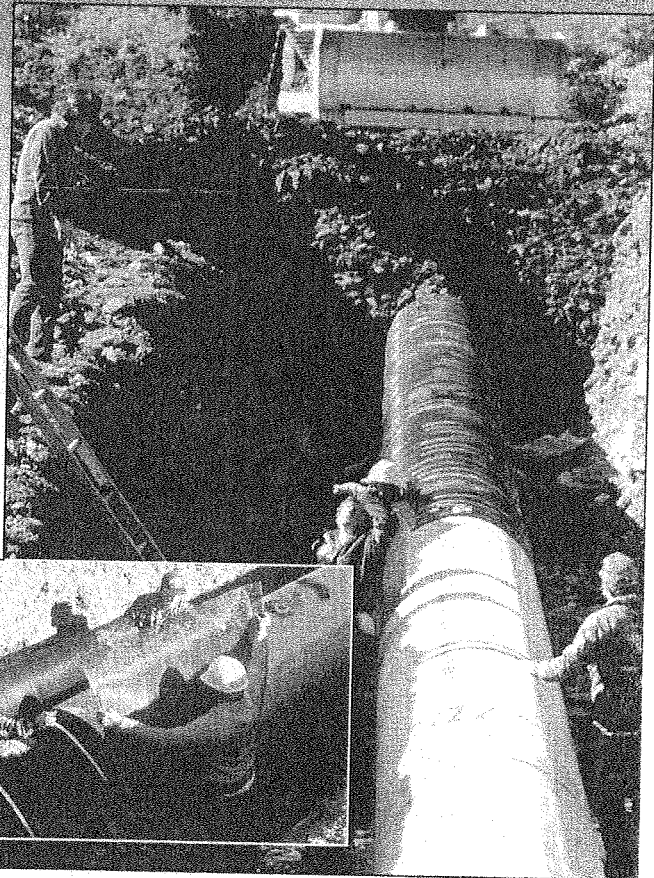
Pipe Saver™ rock shield helps maintain cathodic flow in natural gas and oil pipelines. The durable plastic mesh is wrapped around the pipe to protect against debris and rock damage during back-filling and against problems that certain soil conditions can cause after pipe is installed.

Conwed® Pipe Saver products give maximum protection which minimizes holidays that can cause corrosion.

Three grades of Pipe Saver are available to meet your protection needs. Pipe Saver is available in convenient 5' x 100' rolls.

Pipe Saver™ rock shield:

- Absorbs impact of uneven back fill.
- Protects pipe coating from protruding rocks in trench.
- Minimizes abrasion of coating from pipe movement underground.
- Protects pipe during future excavations.
- Is unaffected by temperature extremes and wet weather.
- Maintains cathodic protection without inhibiting cathodic flow.
- Cushions against concrete weights.
- Cuts with a utility knife.
- Is easy to install.



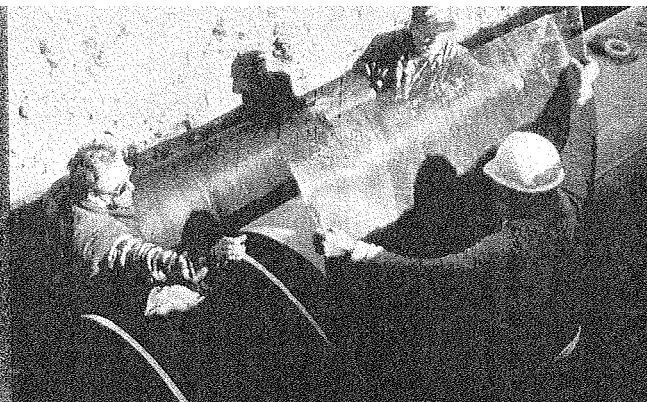
PROPERTIES

	Pipe Saver 100 X02970-003 <i>square</i>	Pipe Saver 200 X02610-001 <i>square</i>	Pipe Saver 300 X02620-003 <i>diamond</i>
Standard Roll Size feet (meters)	5' x 100' (1.5 x 30)	5' x 100' (1.5 x 30)	5' x 100' (1.5 x 30)
Nominal Thickness inches (mm)	.140 (3.56)	.162 (4.11)	.160 (4.06)
Nominal Weight lbs per M sq ft (gm per sq meter)	140 (684.18)	157 (767.26)	155 (757.49)
ASTM G13 Impact Resistance	Passed	Passed	Passed
ASTM G17 Penetration of Resistance of pipeline coatings	Passed	Passed	Passed

CONWED

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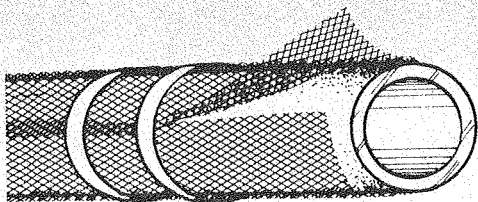
ROCKSHIELD



INSTALLATION

For pipe diameters less than 22 inches —

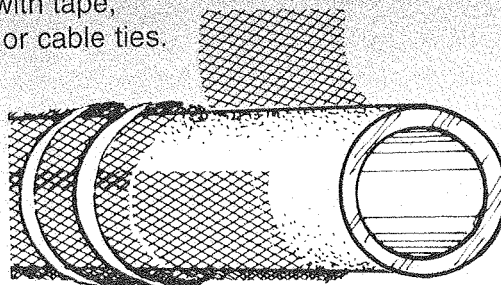
- Unroll material parallel to the pipe and wrap around pipe.
- Fasten with tape, buckles or cable ties.



Longitudinal "Cigarette" Wrap

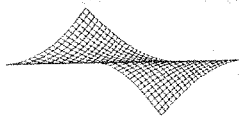
For pipe diameters greater than 22 inches —

- Sheets need to be precut to match pipe circumference (refer to chart below).
- Wrap sheets around pipe width.
- Fasten with tape, buckles or cable ties.



Spiral Wrap

CONWED PLASTICS



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DISTRIBUTED BY:

Conwed Plastics PIPE SAVER™ rockshield

	Nominal Pipe Diameter inches	Coated Pipe* Circumference inches	Length** of Cut inches	Squares of PIPE SAVER rockshield per:		
				1000 Meters of Pipe	1000 Feet of Pipe	Mile of Pipe
LONGITUDINAL WRAP	4	14.7	17	46.9	14.3	76
	6	21.4	24	65.6	20.0	106
	8	27.7	30	82.0	25.0	132
	10	34.4	36	99.4	30.3	160
	12	40.6	44	121.7	37.1	196
	14	44.6	51	142.7	43.5	230
	16	50.9	54	149.6	45.6	240
	18	57.1	62	172.9	52.7	278
	20	63.4	70	193.2	58.9	311
	22	69.7	75	205.0	62.5	330
SPIRAL WRAP	24	76.0	80	218.8	66.7	352
	26	82.3	87	244.4	74.5	392
	28	88.6	94	262.4	80.0	423
	30	94.8	100	273.6	83.4	441
	32	101.1	108	298.5	91.0	481
	34	107.4	113	312.6	95.3	504
	36	113.7	120	328.1	100.0	528
	38	120.0	126	345.4	105.3	556
	40	126.3	133	368.1	111.2	587
	42	132.5	139	386.1	117.7	622
	44	138.8	150	410.0	125.0	660
	46	145.1	150	410.0	125.0	660
	48	151.4	158	437.6	133.4	704
	50	157.7	170	468.8	142.9	755
52	164.0	170	468.8	142.9	755	
54	170.2	180	504.8	153.9	813	
56	176.5	200	546.8	166.7	880	
58	182.8	200	546.8	166.7	880	
60	189.1	200	546.8	166.7	880	

* Calculations are based on 3/32" coating thickness.

** The calculated length of cut is based on the economical material use. Each applicator should make his or her own calculation based on coated pipe circumference and efficiency of operation.

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