

GBE

GBE Services Corporation

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918/428-8665
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www.eagle-manufacturing.net

“EAGLE” SUPERWRAP SMALL HAND TAPE WRAP MACHINE

The Superwrap is a small hand held tape wrapping machine used to apply cold tape to the outside of pipes to aid in the prevention of corrosion. The machine will accept 1 ½ inch and 3 inch tape core sizes. It can apply tape widths of 2 inches up to 12 inches.

OPERATION INSTRUCTIONS OF THE SUPERWRAPPER

- 1.) Place the large and small wheels in the appropriate holes for the pipe diameter and tape width being used. (Refer to directions of the following pages.)
- 2.) Place the roll of tape on the machine by first removing the break-open nut and washer on the removable side plate.
- 3.) Remove the removable side plate.
- 4.) Put the roll of tape on the machine and replace the removable side plate, nut and washer.



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SUPERWRAP INSTRUCTIONS (continued)

- 5.) When using tapes with a release liner, run the liner on the release take-up mechanism (larger diameter aluminum tube) and roll it on the drum 1½ turns to make sure the liner will be held securely.
- 6.) To adjust the tension on the tape, tighten both the break-open nut and the corresponding wing nut on the opposite end of the machine.
- 7.) Overlap is adjusted by the angle of the machine. This is achieved by setting the machine to the appropriate level off the ground as indicated on the following pages. The slot on the side plate can be adjusted to achieve this.
- 8.) Be sure the tape is pulling squarely off the machine. Begin application of the tape.
- 9.) The tape is applied by pulling the machine around the pipe. The small, solid bars on either side of the machine are used as handles to move the machine around the pipe. As the machine is pulled around the pipe, the tape will be applied by rolling off the roll of tape onto the pipe.
- 10.) After the tape is used, repeat the directions above for the next roll of tape.
- 11.) **PLEASE NOTE:** When pulling the machine around the pipe, be sure to grasp the handles in the center of the machine and allow the machine to take it's own course—
DO NOT TRY TO STEER THE MACHINE

**GBE Services Corporation
Superwrap Settings**

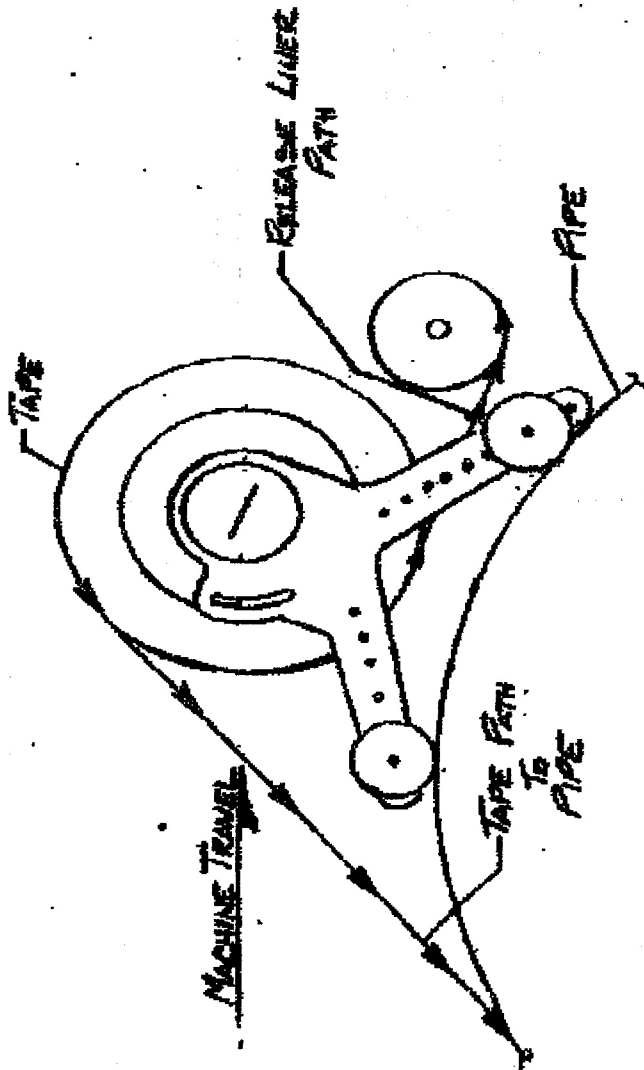
| Pipe Size | Tape Width | Overlap | Settings |
|------------------|-------------------|----------------|--|
| 2" | 2" | 50% | #2 & # 12 small wheels outside #23 & # 33 large wheels outside Distance from ground: 4 1/2" |
| 2.5" | 2" | 50% | #2 & # 12 small wheels outside #23 & # 33 large wheels outside Distance from ground: 4 1/8" |
| 3" | 2" | 50% | #2 & # 12 small wheels outside #23 & # 33 large wheels outside Distance from ground: 3 3/8" |
| 3" | 4" | 52% | #5 & # 12 small wheels outside #24 & # 31 large wheels outside Distance from ground: 5 3/4" |
| 4" | 2" | 1/2' | #3 & # 13 small wheels outside #24 large wheels outside #34 large wheels outside Distance from ground: 4 1/4" |
| 4" | 4" | 50% | #4 & # 14 small wheels outside #21 & # 35 large wheels outside Distance from ground: 6 1/8" |
| 4 1/2" | 4" | 1/2" | # 5 & # 14 small wheels outside #22 & # 35 large wheels outside Distance from ground: 6 3/8" |
| 6" | 4" | 5/8" | #5 & # 16 small wheels outside #23 & # 35 large wheels outside Distance from ground: 4 7/8" |
| 6" | 4" | 50% | #5 & # 14 small wheels outside #25 & # 34 large wheels outside Distance from ground: 2 3/8" |
| 6" | 6" | 50% | #6 & # 17 small wheels inside #22 & # 33 large wheels inside Distance from ground: 5 3/4" |

**GBE Services Corporation
Superwrap Settings**

| Pipe Size | Tape Width | Overlap | Settings |
|------------------|-------------------|----------------|--|
| 8" | 4" | 5/8" | #6 & # 14 small wheels outside #24 & # 37 large wheels outside Distance from ground: 3 1/4" |
| 8" | 4" | 50% | #6 & # 14 small wheels outside #24 & # 37 large wheels outside Distance from ground: 2 1/4" |
| 8" | 6" | 3/4" | #6 & # 14 small wheels outside #24 & # 37 large wheels outside Distance from ground: 4 3/4" |
| 9" | 6" | 3/4" | #6 & # 14 small wheels outside #24 & # 37 large wheels outside Distance from ground: 4 1/2" |
| 8" | 6" | 50% | # 6 & # 14 small wheels outside #24 & # 37 large wheels outside Distance from ground: 3 3/4" |
| 10" | 6" | 5/8" | #5 & # 14 small wheels outside #24 & # 37 large wheels outside Distance from ground: 3 3/4" |
| 12" | 6" | 3/4" | #6 & # 16 small wheels outside #26 & # 36 large wheels outside Distance from ground: 2 7/8" |
| 14" | 6" | 1" | #7 & # 17 small wheels outside #27 & # 37 large wheels outside Distance from ground: 2 1/4" |
| 16" | 6" | 1" | #10 & # 20 small wheels outside #21 & # 40 large wheels outside Distance from ground: 2" |
| 18" | 6" | 52% | #6 & # 14 small wheels outside #22 & # 32 large wheels outside Distance from ground: 1/2" |

**GBE Services Corporation
Superwrap Settings**

| Pipe Size | Tape Width | Overlap | Settings |
|------------------|-------------------|----------------|--|
| 20" | 6" | 1" | # 10 & # 20 small wheels outside # 30 & # 40 large wheels outside Distance from ground: 1 1/2" |
| 22" | 4" | 50% | # 10 & # 20 small wheels outside # 30 & # 40 large wheels outside Distance from ground: 1/2" |
| 24" | 6" | 1" | # 10 & # 20 small wheels outside # 30 & # 40 large wheels outside Distance from ground: 3/4" |
| 30" | 6" | 1" | # 10 & # 20 small wheels outside # 30 & # 40 large wheels outside Distance from ground: 1 1/4" |



These Tapes have the Release Liner on the inside of rolls.

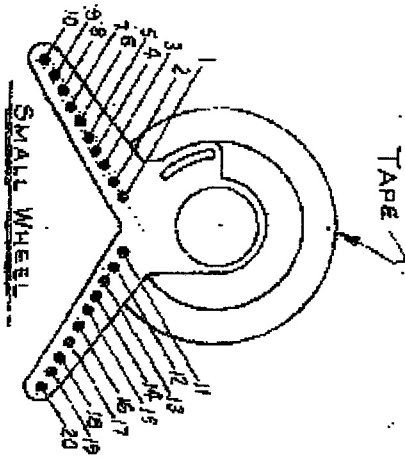
Examples:

Tape Cost- H30 - H50-CT1040

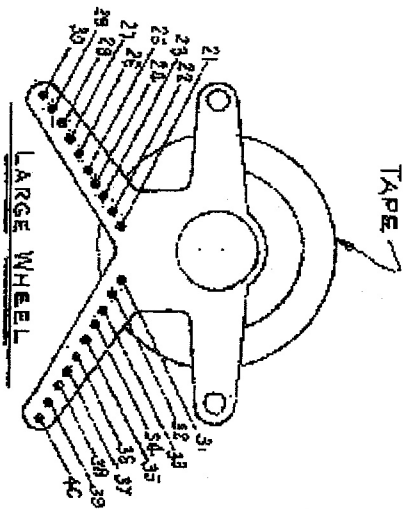
Tex-Rap - 40D

Polyguard- 600-634

| | |
|---|---------------------------|
| GBE SERVICES CORPORATION TULSA, OK 74115 (918) 428-8665 | |
| NAME: NONUE | PROJECT: 102-10010 |
| DATE: APR. 23, 75 | DRAWN: |
| TAPE DIRECTION | |
| SUPERVISE: Superway Hand Tapes Tape Path | |
| DRAWING NUMBER: 1-40010 | |

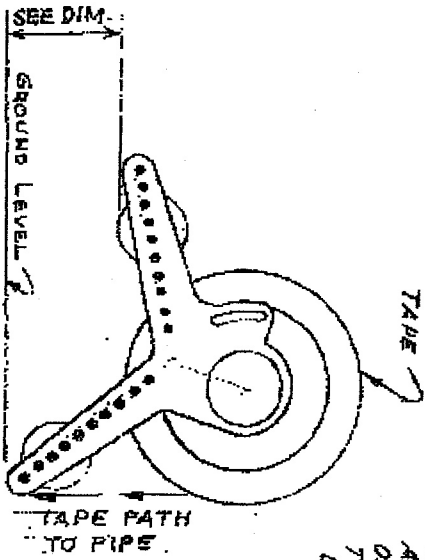


END VIEW SIDE PLATE WITH ADJUSTMENT



END VIEW OF REMOVABLE SIDE PLATE

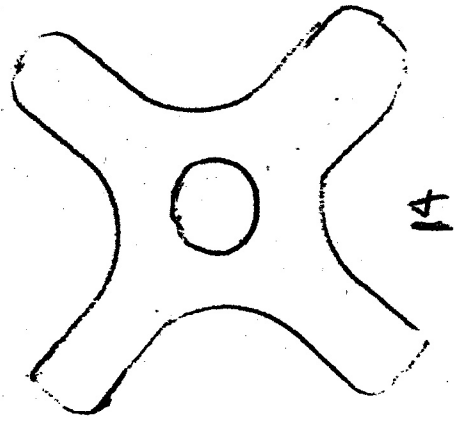
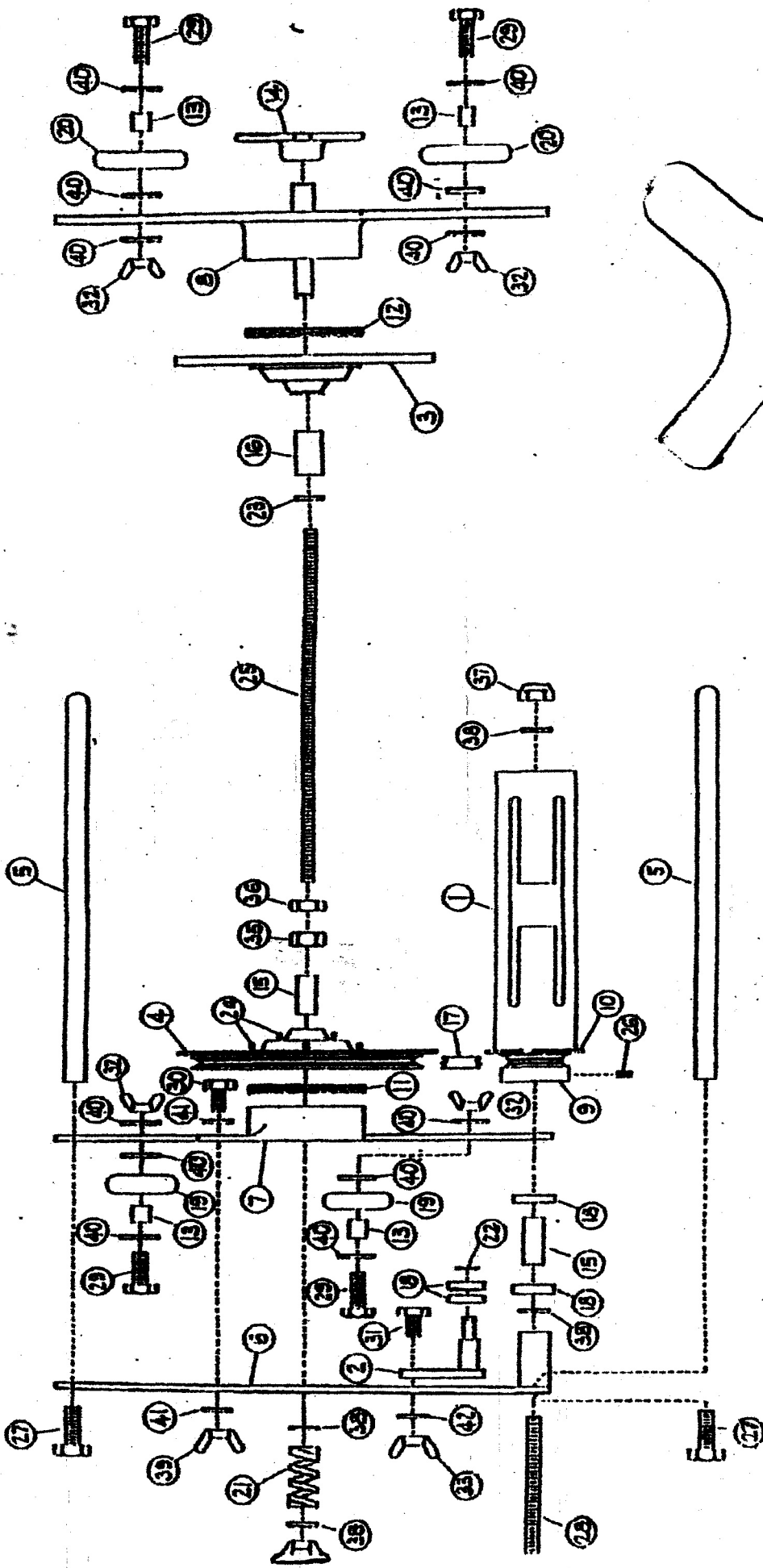
WHERE GROUND LEVEL SETTINGS ARE GIVEN, THE WHEELS MUST BE IN PROPER HOLE SETTINGS, AND THE TAPE MUST ALSO BE ON SUPERWRAP. AFTER WHEELS AND TAPE ARE ON SUPERWRAP, PLACE SUPERWRAP ON LEVEL GROUND AND SET OVERLAP TO PROPER SETTING. THESE ARE APPROXIMATE SETTINGS AND WILL CHANGE WITH DIFFERENT TYPES OF TAPE. THE TAPE SHOULD COME OFF THE SAME SIDE AS THE RELEASE LINER TAKE-UP MECHANISM. (SEE SKETCH)



| | |
|--|---------------------------|
| GSE SERVICES CORPORATION TULSA, OK 74135 (918) 428-8665 | |
| SCALE: NONE | APPROVED BY: |
| DATE: 11-29-85 | DRAWN BY: S. G. |
| SUPERWRAP HAND TAPESTER | |
| WHEEL SETTING INSTRUCTION | DRYING AND SIZING: C4000Z |

GBE Services Corporation - Superwrap Settings

| No. | Part Name | Number of Each |
|-----|---|----------------|
| 1 | Release Liner Tube | 1 |
| 2 | Belt Tension Idler | 1 |
| 3 | Plain Wheel | 1 |
| 4 | V-Belt Wheel | 1 |
| 5 | Extension Handle | 2 |
| 6 | Overlap Adjuster Arm | 1 |
| 7 | Bracket with Slot | 1 |
| 8 | Bracket | 1 |
| 9 | V-Belt Hub | 1 |
| 10 | Washer | 1 |
| 11 | Brake Pad. 1/2" Hole | 1 |
| 12 | Brake Pad. 29/32" Hole | 1 |
| 13 | Modification, Spanner Bushing | 4 |
| 14 | Fast-Lock Clamping Knob | 1 |
| 15 | 1/2" ID x 3/4" OD x 1 1/2" L Bronze Bushing | 2 |
| 16 | 7/8" ID x 1 1/8" OD x 1" L Bronze Bushing | 1 |
| 17 | V-Belt | 1 |
| 18 | Bearing | 4 |
| 19 | 3" Wheel, Coulson | 2 |
| 20 | 4" Wheel, Coulson | 2 |
| 21 | Spring, Vontinental | 1 |
| 22 | 7/16 External Snap Ring | 1 |
| 23 | 11/16 External Snap Ring | 1 |
| 24 | 1/8" x 1/2" L Steel Roll Pin | 8 |
| 25 | 1/2 - 13 UNC x 24" All thread | 1 |
| 26 | 3/8" - 16 UNC x 3/8" Lg Steel Hex HD Cap screw | 1 |
| 27 | 1/2 - 13 UNC x 1" Lg Steel Hex HD Cap screw | 2 |
| 28 | 1/2 - 13 UNC x 5" Lg Steel Hex HD Cap screw | 1 |
| 29 | 5/16 - 18 UNC x 2" Lg Steel Hex HD Cap screw | 4 |
| 30 | 5/16 - 18 X 1" Length Carriage Bolt | 1 |
| 31 | 3/8 - 16 UNC x 1 1/2" Lg Steel Hex HD Cap screw | 1 |
| 32 | 5/16 - 18 UNC x Steel Wing Nut | 1 |
| 33 | 3/8 - 16 UNC x Steel Wing Nut | 1 |
| 34 | 1/2 - 13 UNC x Steel Wing Nut | 1 |
| 35 | 1/2 - 13 UNC x Hex Head Nut | 1 |
| 36 | 1/2 - 13 UNC x Hex HD Half Nut | 1 |
| 37 | 1/2 - 13 UNC x Teflon Insert Lock Nut | 1 |
| 38 | 1/2 Steel Flat Washer | 4 |
| 39 | 5/16 UNC Steel Wing Nut | 1 |
| 40 | 5/16 Steel Flat Nut Washer | 12 |
| 41 | 5/16" Steel Flat Washer | 2 |
| 42 | 3/8" Steel Flat Washer | 1 |
| 43 | 1/4" Steel Flat Washer | 2 |



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