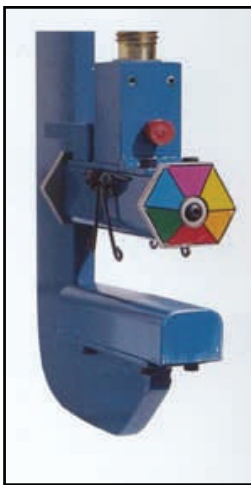


Operating Procedures For Model GLS-26 Ground Level Squeeze Tool

Before using any brand of squeeze tool– become familiar with its construction, it’s design, its special features and know how to use it. Operating instructions for mechanical and hydraulic operated squeeze tools vary, not only from model to model, but from manufacturer to manufacturer. Knowing how to properly operate the squeeze tool is essential to safety and to achieving satisfactory results.

Model GLS-26 Ground Level Squeeze tool. This versatile tool, with its 59” reach and open-ended flat bar jaws, can reach into a trench and squeeze-off PE pipe without the operator having to get into the ditch to slip the jaws around the pipe, or to operate the tool.



A unique feature of the GLS-26 is it’s color-coded, stainless steel gap stop selector disc– This color coded disc is connected to a matching stainless steel gap stop disc by a 7/16” stainless steel hex shaft. As the color-coded gap stop selector disc is turned, it simultaneously turns the stainless steel gap stop disc located on the opposite side of the upper jaw. A spring and ball detent, provides positive gap stop placement with an audible click.

Six “combo stop” squeeze-off settings (five gap stop settings and one emergency setting) enable the operator to squeeze-off all PE pipe diameters from 1/2” CTS. through 2” IPS with this one tool. All six color-coded settings on the gap stop discs are referenced on a chart of pipe sizes mounted on the frame of the GLS-26.

Ground all metal tools– We strongly recommend not positioning any metal tool on, or near PE pipe until that metal tool has been properly grounded. Not only can static electricity exist on the outside surface of PE pipe, but also on the inside.

Static electricity can easily jump from the surface of the pipe– to any nearby metal tool causing a dangerous spark and/or severe electrical shock.

For this reason, the GLS-26 is equipped with a SEG-30 grounding device as standard equipment– before approaching PE pipe with the GLS-26, simply pull the grounding strap out of its red plastic holster and insert the grounding spike into the earth, grounding the tool.

Refer to the Color-Coded Gap Stop Selection Chart mounted on the side of the GLS-26 and determine the correct color-code setting for the pipe to be squeezed-off.

Emergency
Gap .000 Any size 1/2” CTS. -2” IPS
1/2” IPS. DR-9.3 1/2” CTS. DR-7 1” CTS. DR-12.5 3/4” CTS. DR-9.7 .090-.095 Wall
3/4” IPS. DR-11 1” CTS. DR 11/11.5 1 1/4” CTS. DR-15 .095-.101 Wall
1” IPS. DR-11 1” CTS. DR-9 .119-.121 Wall
1 1/4” IPS. DR 10/11 1 1/2” IPS. DR-11 151-.173 Wall
2” IPS. DR-11 216 Wall

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Select the proper Gap Stop setting for the pipe by turning the Color– Coded Gap Stop Selector Disc until the matching color on the disc for that pipe size is in the down position, properly setting the gap stops in position. The GLS-26 is now ready to squeeze-off the PE pipe diameter within the chosen color range without damaging the pipe.

Sighting down the tool's extension tube slip open the jaws of the GLS-26 around the PE pipe– so that the pipe is centered between the jaws and the jaws are square (at 90°) to the pipe. Two sets of centering springs mounted on the upper jaw of the GLS-26 will aid in centering and squaring the tool to the pipe.

Begin a partial squeeze-off (10% to 15%) until the pipe is firmly clenched within the jaws of the tool, then stop and visually inspect the position of the tool on the pipe. Make certain that the jaws are still centered and squared on the pipe. If not, the jaws must be re-opened, the tool re-centered and squared on the pipe before beginning partial squeeze-off again, or an effective squeeze-off will not be obtained.

Once assured the tool is properly centered and squared to the pipe– proceed with squeeze-off, hand torquing the power screw handle, at the recommended squeeze-off rate of one-minute per diameter inch of pipe, until it is hand tight. A 2-inch pipe should take two minutes to achieve squeeze-off.

Wait for cold flow relaxation of the pipe to occur– after initial squeeze-off, wait one minute per diameter inch of pipe for cold flow of the PE pipe in the squeeze zone. Double this waiting time if squeezing off in below freezing temperatures.

After cold flow relaxation has occurred, re-torque the handle until tight (up to 1/2 turns) completing the squeeze-off.

EMERGENCY SQUEEZE-OFF SETTING

NOTE: The GLS-26 has an Emergency Setting for emergency squeeze-offs. If the situation calls for quick squeeze-off and/or conditions don't allow the operator to identify the PE pipe diameter and/or SDR number-the-operator can select the red Emergency setting on the Gap Stop Selector Disc.

Remember, this Emergency Setting provides no gap stop protection and therefore requires that the squeezed pipe segment be replaced.