

PLCS

ELECTRONIC PIPEWALL DAMAGE INDICATOR INSTRUCTIONS FOR USE

- To guarantee accurate readings, especially on smaller diameter pipe, indicator **MUST** be placed on straight level pipe with no kinks or bends.
- Press **on/off** button on the face of the electronic gauge to turn unit on.
- Place the angle base onto the surface of the pipe in an area that is free of surface damage but close to the damaged zone.
- Hold the Origin button down for 1 second until the display zeros out.
- Hold the body of the instrument and, while maintaining contact with the pipe, slide the angle base around the surface of the pipe until the tip of the probe sits in the maximum depth of the damaged section of the pipe and the gauge displays the maximum reading.
- Compare the reading with the wall thickness of the pipe to evaluate if the damage is serious enough to require that the damaged section be cut out.



On pipe > 2" position tool on pipe as shown above.
 On pipe < 2" rotate the tool 90° & position on pipe using the small "V" slot.

Note: To change the polarity of the readout, press the +/- button.
 To change the readout from imperial to metric, press the in/mm button.
 To change the battery, refer to the instrument manufacturer's instructions (incl.)

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Quick Reference Chart for popular sizes of PE pipe									
Pipe size	SDR	Min. wall	10%	SDR	Min. wall	10%	SDR	Min. wall	10%
½" CTS				9	0.0690	0.0069			
¾" CTS	11	0.095	0.0095	9	0.0970	0.0097			
1" CTS	11	0.120	0.0120	9	1.1250	0.0125			
1 ¼" CTS	11	0.1190	0.0119	9	0.1530	0.0153			
1 ¼" IPS	11	0.151	.01510	9	0.184	0.0184			
1 ½" CTS	11	0.173	0.0173						
1 ½" IPS	11	0.1730	0.0173	9	0.173	0.0173			
2" IPS	11	0.2160	0.0216	9.3	0.2550	0.0255	9	0.2640	0.0264
3" IPS	11	0.3180	0.0318	11.5	0.3070	0.0307	13.5	0.259	0.0259
4" IPS	11	0.4090	0.0409	11.5	0.3950	0.0395	13.5	0.333	0.0333
6" IPS	11	0.6020	0.0602	11.5	0.5760	0.0576	13.5	0.491	0.0491
8" IPS	11	0.7840	0.0784	11.5	0.7500	0.0750	13.5	0.639	0.0639
10" IPS	11	0.9770	0.0977	11.5	0.9350	0.0935			
12" IPS	11	1.1590	0.1159	11.5	1.1090	0.1109			