



# ARMORED LIQUID LEVEL GAUGES

## Reflex Model RL and Transparent Model TL LOW PRESSURE FLAT GLASS GAUGES

ARCHON models RL and TL are low pressure gauges and are available in both single and multiple section types 1 through 9 with a one-piece liquid chamber. They are machined from solid bar stock of cold rolled carbon steel, stress relieved and assembled complete with drop forged steel covers, tempered borosilicate glass, gaskets, bolts and nuts, making the gauges resistant to thermal shock, heat, corrosion and abrasion.

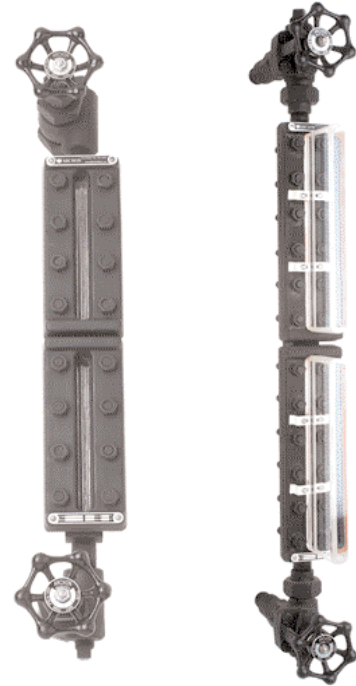
The liquid chamber is recessed to hold each individual gauge glass and gasket snugly, eliminating any possible movement by internal pressure.

All bolts are properly spaced to ensure uniform pressure on the glass and gaskets, and are manufactured from ASTM grade steel. The gaskets used are of the finest quality, uniform in thickness and accurately die-cut. Our standard gasket material is compressed non-asbestos, but can be interchanged with alternate material depending on the liquid being used.

Gauges are also available in Stainless Steel, Monel, or other alloys.

ARCHON does not recommend low pressure gauges for steam applications.

Please review the tables below for temperature and pressure ratings..



Pressure and Temperature Ratings: ARCHON Reflex Gauges Model RL						
Size Gauge	100°F	200°F	300°F	400°F	500°F	600°F
1 x 1	2400	2320	2240	2150	2000	1780
1 x 2	2325	2250	2170	2080	1940	1720
1 x 3	2250	2180	2100	2020	1880	1670
1 x 4	2175	2100	2020	1940	1820	1600
1 x 5	2100	2030	1960	1880	1750	1550
1 x 6	2025	1950	1890	1810	1680	1500
1 x 7	1950	1890	1820	1750	1630	1440
1 x 8	1875	1820	1750	1680	1560	1390
1 x 9	1800	1740	1680	1620	1510	1340

All Gauges Hydrostatic Tested: 1.5 times 100°F Rating

Pressure and Temperature Ratings: ARCHON Transparent Gauges Model TL						
Size Gauge	100°F	200°F	300°F	400°F	500°F	600°F
1 x 1	2000	1930	1870	1790	1660	1480
1 x 2	1815	1715	1690	1620	1510	1340
1 x 3	1630	1580	1520	1460	1360	1210
1 x 4	1440	1390	1340	1290	1200	1060
1 x 5	1250	1210	1170	1120	1040	920
1 x 6	1065	1030	995	950	890	790
1 x 7	875	845	815	785	730	645
1 x 8	690	665	645	620	575	510
1 x 9	500	480	465	445	415	370

All Gauges Hydrostatic Tested: 1.5 times 100°F Rating

Correction Factor Table-To be Applied to the 100% Ratings Listed Above

% of Rating	100%	75%	50%	25%
Chamber	Carbon Steel, 304SS and 316SS	Monel		
Gasket Material Liquid Side	Teflon Lo-Flo, Non-Asbestos		Pure Teflon, Kel-F Shields	
Gasket Material Liquid & Cover Side	Non-Asbestos		Teflon Lo-Flo	Pure Teflon
Optional Features	Non-Frost Extensions (Max. Temp. 100°F)			

*\*Contact ARCHON for additional material options, temperature ratings or special configurations.*