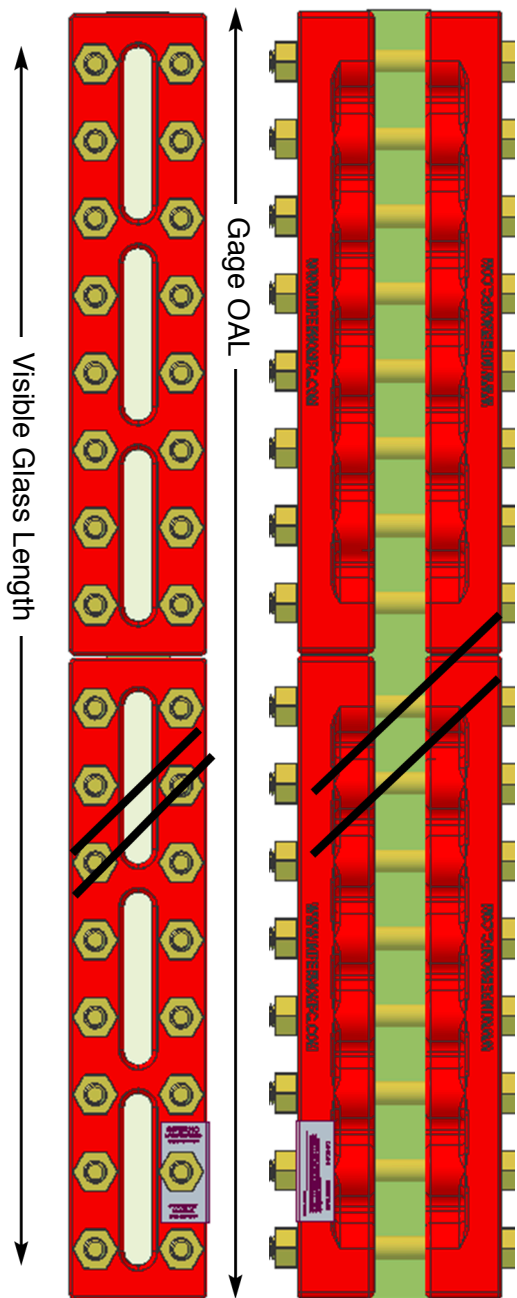


T100 Series Level Gage— See-Thru (Transparent / Plain) Style

for liquid-liquid INTERFACE applications



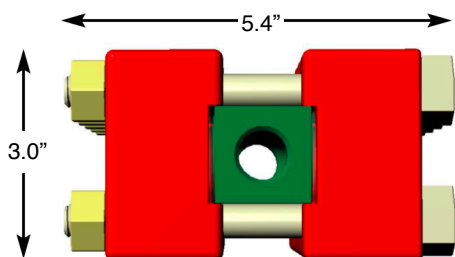
| Model No. | Visible Length (In) | Overall Length (In) | Weight (Lbs) |
|--|------------------------|------------------------|-----------------|
| <i>OAL dimension & illustrations show "End Connected" type</i> | | | |
| T100-13 | 5.75 | 7.25 | 17 |
| T100-14 | 6.75 | 8.25 | 19 |
| T100-15 | 7.875 | 9.375 | 21 |
| T100-16 | 9.125 | 10.625 | 24 |
| T100-17 | 10.25 | 11.75 | 27 |
| T100-18 | 11.875 | 13.375 | 30 |
| T100-19 | 12.625 | 14.125 | 32 |
| T100-24 | 15 | 16.5 | 38 |
| T100-25 | 17.25 | 18.75 | 43 |
| T100-26 | 19.75 | 21.25 | 49 |
| T100-27 | 22 | 23.5 | 53 |
| T100-28 | 25.25 | 26.75 | 61 |
| T100-29 | 26.75 | 28.25 | 64 |
| T100-36 | 30.375 | 31.875 | 73 |
| T100-37 | 33.75 | 35.25 | 80 |
| T100-38 | 38.625 | 40.125 | 91 |
| T100-39 | 40.875 | 42.375 | 96 |
| T100-47 | 45.5 | 47 | 107 |
| T100-48 | 52 | 53.5 | 121 |
| T100-49 | 55 | 56.5 | 128 |
| T100-57 | 57.25 | 58.75 | 133 |
| T100-58 | 65.375 | 66.875 | 152 |
| T100-59 | 69.125 | 70.625 | 160 |
| T100-68 | 78.75 | 80.25 | 182 |
| T100-69 | 83.25 | 84.75 | 192 |
| T100-78 | 92.125 | 93.625 | 212 |
| T100-79 | 97.375 | 98.875 | 224 |
| T100-88 | 105.5 | 107 | 243 |
| T100-89 | 111.5 | 113 | 256 |
| T100-98 | 118.875 | 120.375 | 273 |
| T100-99 | 125.625 | 127.125 | 288 |
| T100-108 | 132.25 | 133.75 | 303 |
| T100-109 | 139.75 | 141.25 | 320 |

| Pressure Ratings, PSI — tempered borosilicate glass factory hydrotested to 1.3 x | | | | | | |
|--|--------|--------|--------|--------|--------|--|
| <i>Exception: Steam Service limited to 450 WSP (457°F Superheated) with MICA PROTECTION; 250 WSP unprotected</i> | | | | | | |
| 100° F | 200° F | 300° F | 400° F | 500° F | 572° F | |
| 2130 | 2060 | 1990 | 1900 | 1770 | 1650 | |
| 1950 | 1880 | 1820 | 1730 | 1620 | 1430 | |
| 1750 | 1700 | 1640 | 1570 | 1460 | 1300 | |
| 1560 | 1510 | 1460 | 1400 | 1300 | 1160 | |
| 1380 | 1330 | 1280 | 1230 | 1200 | 1020 | |
| 1200 | 1150 | 1102 | 1070 | 990 | 880 | |
| 1000 | 970 | 930 | 890 | 830 | 750 | |
| 1950 | 1880 | 1820 | 1730 | 1620 | 1430 | |
| 1750 | 1700 | 1640 | 1570 | 1460 | 1300 | |
| 1560 | 1510 | 1460 | 1400 | 1300 | 1160 | |
| 1380 | 1330 | 1280 | 1230 | 1200 | 1020 | |
| 1200 | 1150 | 1102 | 1070 | 990 | 880 | |
| 1000 | 970 | 930 | 890 | 830 | 750 | |
| 1560 | 1510 | 1460 | 1400 | 1300 | 1160 | |
| 1380 | 1330 | 1280 | 1230 | 1200 | 1020 | |
| 1200 | 1150 | 1102 | 1070 | 990 | 880 | |
| 1000 | 970 | 930 | 890 | 830 | 750 | |
| 1380 | 1330 | 1280 | 1230 | 1200 | 1020 | |
| 1200 | 1150 | 1102 | 1070 | 990 | 880 | |
| 1000 | 970 | 930 | 890 | 830 | 750 | |
| 1200 | 1150 | 1102 | 1070 | 990 | 880 | |
| 1000 | 970 | 930 | 890 | 830 | 750 | |
| 1200 | 1150 | 1102 | 1070 | 990 | 880 | |
| 1000 | 970 | 930 | 890 | 830 | 750 | |
| 1200 | 1150 | 1102 | 1070 | 990 | 880 | |
| 1000 | 970 | 930 | 890 | 830 | 750 | |

Maximum continuous operating temperature decreased from 600°F to 572°F based on glass manufacturer's published rating for tempered borosilicate.

Exception: Hot oil / thermal transfer fluid applications with borosilicate glass permitted up to 600°F, limited to 145 PSI max.

-For higher temperature applications ask for tempered aluminosilicate glass-

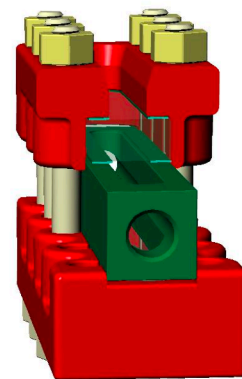


End Connections

- 1/2" F-NPT standard
- 3/4" F-NPT optional

MATERIALS & DESIGN

- Wetted per NACE — MOC options: M191980
 - Group 1: All steel, MDMT -20°F
 - Group 2: L.T. steel, MDMT -50°F
 - Group 3: All T316, MDMT -320°F
 - Group 4: Steel / B7M bolting, MDMT -20°F
 - Group 5: T316 wetted, MDMT -20°F
- Tempered borosilicate glass
- Flexible graphite seal / comp. fiber cushion
- Powder paint covers & zinc plated bolts
- Large thru-bore (0.59" Ø) between sections allows brush access for cleaning
- Cross-ties enhance strength, with undercut permitting "behind-the-bar" vision for complete view- design validated by FEA



Drawing T100

Revision: D Rev. Date: 8-26-19
Created: 7-30-07