**Weight and volume equivalents of carbon dioxide**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| CO2- Weight and Volume Equivalents |  |  |  |  |  |
| Weight of Liquid or Gas |  | Volume of Liquid at 300 psig |  | Volume of Gas at 70° (21°C) and 1 atm |  |
| lb | kg | L | gal | cf | m3 |
| 1 | 0.454 | 0.447 | 0.118 | 8.743 | 0.248 |
| 2.205 | 1 | 0.9852 | 0.261 | 19.278 | 0.5458 |
| 2.238 | 1.015 | 1.001 | 0.264 | 19.566 | 0.554 |
| 8.47 | 3.842 | 3.789 | 1.001 | 74.05 | 2.097 |
| 11.44 | 5.189 | 5.118 | 1.352 | 100.016 | 2.832 |
| 4.039 | 1.832 | 1.807 | 0.447 | 35.31 | 1 |

