Oxygen (Medical)

Oxygen is medically used in breathing apparatus, transmitting oxygen to patients efficiently.

Description
Formula: \( O_2 \)

Gas Data
Molecular Weight: 32.00
Density: 1.326 kg/m\(^3\) @ 21.1°C, 101.325 kPa
Density: 0.08279 lb/ft\(^3\) @ 70°F, 14.696 psia
Specific Volume: 0.7541 m\(^3\)/kg @ 21.1°C, 101.325 kPa
Specific Volume: 12.08 ft\(^3\)/lb @ 70°F, 14.696 psia

Shipping Information
CAS Registry Number: 7782-44-7
UN Number: UN 1072
ECCN Number: EAR99
DOT Proper Shipping Name: Oxygen, Compressed
DOT Classification: 2.2 (Nonflammable Gas)
DOT Label: NON-FLAMMABLE GAS, OXIDIZER
TC Shipping Name: Oxygen, Compressed
TC Classification: 2.2, 5.1
TC Label: NON-FLAMMABLE GAS, NON-POISONOUS GAS, OXIDIZER

Cylinder Specifications

<table>
<thead>
<tr>
<th>Cylinder Size</th>
<th>Content</th>
<th>Valve Outlet CGA No.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Pounds</td>
<td>Liters</td>
</tr>
<tr>
<td>T</td>
<td>25 lbs 6 oz</td>
<td>8,552</td>
</tr>
<tr>
<td>H</td>
<td>20 lbs 11 oz</td>
<td>7,051</td>
</tr>
<tr>
<td>G</td>
<td>18 lbs 14 oz</td>
<td>6,400</td>
</tr>
<tr>
<td>M</td>
<td>10 lbs 5 oz</td>
<td>3,511</td>
</tr>
<tr>
<td>E</td>
<td>1 lbs 15 oz</td>
<td>643</td>
</tr>
<tr>
<td>D</td>
<td>1 lb 3 oz</td>
<td>387</td>
</tr>
</tbody>
</table>

Our packaging of gases includes a complete range of cylinder sizes, cylinder cradles (6 and 12 packs), tube trailers, microbulk and bulk.

We can handle virtually any size requirement, from a customer using 1 or 2 cylinders per year, to customers using millions of cubic feet of product monthly.