Reactive Gas Cylinders

Sharpsville Container Corporation produces a Patent Pending, DOT-39 rated, disposable cylinder designed specifically for reactive gas mixtures. Using T-304 stainless steel components, this cylinder can be tailored to meet customer-specific volume requirements.

The Sharpsville Container Corporation cylinders have demonstrated multiple advantages over current reactive gas cylinders. These include 1000 PSIG pressure-rating, reduced seasoning time and improved gas stability by up to 56.6%, depending on the gas mixture.

The combination of the above features allows our customers to improve their product offering while reducing operational costs.
• Stainless Steel T-304 Components
• Meets DOT-39 Requirements for Disposable High-Pressure Gas Cylinders
• 116L Gas Capacity at 1000 PSIG
• Custom Cylinder Capacities
• Mill or Powder Coated Finishes Available
• 48-Hour or Less Total Cylinder Seasoning Cycle Times
• Up to 56.6% Improvement in Gas Stability
• Patent Pending

Reactive Gas Cylinders

<table>
<thead>
<tr>
<th></th>
<th>Net Volume</th>
<th>Minimum Burst Pressure</th>
<th>Test Pressure</th>
<th>Service Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>T-115 S/S</td>
<td>94 cu. in. (1.54L)</td>
<td>2750 PSIG (189.6 bar)</td>
<td>1375 PSIG (94.8 bar)</td>
<td>1100 PSIG (75.8 bar)</td>
</tr>
<tr>
<td>T-108 S/S</td>
<td>47 cu. in. (.78L)</td>
<td>2750 PSIG (189.6 bar)</td>
<td>1375 PSIG (94.8 bar)</td>
<td>1100 PSIG (75.8 bar)</td>
</tr>
</tbody>
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Below are the results of a three (3) month stability test conducted by a third party testing laboratory: