N2 TIG & MAG welding of duplex stainless steels

All gases meet the requirements of N2 (according to ISO14175) shielding gas often specified in many welding procedure specifications (WPS).

The classification

The gases in descending order (major to minor component)

The gas % of the mixture excluding the base gas (which is typically Argon)

Ar: Argon
N: Nitrogen

For safety information relating to gases and mixtures, please refer to www.airproducts.com/msds

Standard Products - Cylinders

<table>
<thead>
<tr>
<th>Product</th>
<th>Reorder Code</th>
<th>Size</th>
<th>Valve</th>
<th>Pressure</th>
<th>Contents</th>
</tr>
</thead>
<tbody>
<tr>
<td>N2 ArN 2</td>
<td>2% N2 in Ar</td>
<td>20948</td>
<td>X475</td>
<td>200Bar</td>
<td>9.84m³</td>
</tr>
</tbody>
</table>

Cylinder and pack specifications

<table>
<thead>
<tr>
<th>Size</th>
<th>Pressure</th>
<th>Height</th>
<th>Diameter</th>
<th>Width</th>
<th>Length</th>
<th>Empty Weight</th>
<th>Full Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>X475</td>
<td>200Bar</td>
<td>1525mm</td>
<td>230mm</td>
<td></td>
<td></td>
<td>66.93Kg</td>
<td>83.47Kg</td>
</tr>
</tbody>
</table>

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