



Unibraze RG-45

Classification:

AWS/SFA A5.2 CLASS RG45

Description:

Unibraze RG-45 is a copper coated gas welding rod that is used for welding ordinary low carbon steel up to ¼" thick. **Unibraze RG-45** produces ductile porosity free welds. It is recommended where ductility and machinability are most important. This rod is excellent for the welding of steel sheets, plates, pipes, castings and structural shapes where the minimum tensile strength requirement does not exceed 45 ksi (310 MPa).

Typical Chemical Composition:

Carbon	0.080
Manganese	0.500 max
Phosphorus	0.035 max
Silicon	0.100 max
Sulfur	0.035
Aluminum	0.020

Tension Test Requirements (as welded):

Minimum Tensile Strength,	psi 45,000
Elongation in 2"(%) min.	22 %

Notice: The results reported are based upon testing of the product under controlled laboratory conditions in accordance with American Welding Society Standards. Actual use of the product may produce different results due to varying conditions. An example of such conditions would be electrode size, plate chemistry, environment, weldment design, fabrication methods, welding procedure and service requirements. Thus the results are not guarantees for use in the field. The manufacturer disclaims any warranty of merchantability or fitness for any particular purpose with respect to its products.