

Prime-Arc 85

Prime-Arc 85 JW Joining Wire

Prime-Arc 85 JE Joining Electrode

Prime-Arc 85 JW and Prime-Arc 85 JE are designed to deposit a modified austenitic stainless steel recommended for joining, rebuilding, or fusion overlaying on applications involving high-strength, and heat corrosion resistance. It is also frequently used in dissimilar metal applications to join carbon steels and high-strength alloy steels to stainless steels.

Prime-Arc 85 has excellent welder appeal with a smooth spray arc and self-peeling slag.

Applications

PA 85 is a “universal” weld consumable that can be used to join high strength steels, chromium carbide overlay plates, stainless steels and dissimilar metals (e.g. stainless to mild steel).

Benefits

PA 85 can be used to join any ferrous metal to any other ferrous metal. It has a very high tensile strength, and work hardens in service.

Technical

A modified 312 stainless steel chemistry provides a low ferrite number weldment, and is excellent for both high and low temperature service. Tensile strength exceeds 130 KSI with elongation of up to 35%, and work hardens to 450 BHN.

Birmingham, AL
University Park, IL
Elko, NV

[800] 633-6054

[888] 932-3427

[800] 833-8385

[205] 956-2567

[708] 235-8719

[775] 738-1242



© 2016 Tricon Wear Solutions | All rights reserved

www.triconwearsolutions.com