

ProCus 610

A SPECIAL STAINLESS STEEL WELDING ELECTRODE FORMULATED TO PROVIDE SUPERIOR CORROSION RESISTANCE.

ProCus 610 is a stainless steel electrode that will provide maximum resistance to corrosion due to its special alloying elements. Its easy strike/re-strike features make it easy to use in difficult applications.

SPECIAL FEATURES:

ProCus 610

- Weld deposits exhibit excellent resistance to corrosion.
- Low heat input substantially reduces the incidence of cracking.
- Special flux formulation ensures deposits are free of porosity and slag entrapment.
- Special elements make for the idea for joining a wide variety of stainless steel types.

610 - superior corrosion resistance

THE EASY WELDING CHARACTERISTICS OF PROCUS 610 ENABLES THE SUCCESSFUL REPAIR OF STAINLESS STEELS.

PROCUS – PROduct excellence – CUStomer service

ProCus 610 AC - DC

TECHNICAL INFORMATION

DESCRIPTION

A universal, low carbon stainless steel alloy that provides weld deposits that are highly resistant to corrosion.

FEATURES

In a general sense, ordinary stainless steel welding rods require a higher than desirable amperage to be able to maintain arc stability. Unfortunately, higher than necessary heat input can lead to the distortion of thin gauge materials and so creating other difficulties during the joining process. Additionally, the poor arc characteristics of ordinary stainless steel electrodes often makes the job of welding that more difficult, particularly in areas of poor accessibility.

ProCus 610 stainless steel electrodes exhibit some very special benefits. The exceptionally low heat input characteristics of the electrode substantially reduces the incidence of distortion when welding thin metals. Additionally, the smooth arc transfer of the molten weld metal aids control of the weld deposit and along with the easy flux removal, makes it an ideal electrode for welding in areas of poor accessibility.

Deposits of ProCus 610 provide excellent resistance to corrosion and it is suitable for joining a wide range of stainless steels including 347, 316L, 318 etc. Alloying elements included in its formula provide resistance to intergranular corrosion due to carbide precipitation.

TECHNICAL DATA

Tensile strength - up to 550 MPa minimum

Yield strength - up to 480 MPa

Elongation in 50 mm (2") – 25%

Machineability - good

