

COR™FACE 162 MC

DESCRIPTION

COR™FACE 162 MC is a metal-cored, economical, wear-resistant alloy designed to combat abrasion and mild corrosion. It is a 304 stainless steel sheath with 55 weight% tungsten carbide particles.

APPLICATIONS

162 MC is typically used for overlaying carbon, and low alloy steels. The welded deposit has approximately 9% chromium and 5% nickel for mild resistance to corrosion as well as abrasion.

PROCEDURE

Hardfacing generally does not require any heat treatment. Preheat and post-heat according to the base metal requirements where necessary.

WELDING PARAMETERS

	Size	Volts	Amps	Shielding Gas/Flux
MC-G	1/16"	20-23	210-250	100%Ar or 75%Ar-25%CO ₂
MC-G	3/32"	24-28	250-400	100%Ar or 75%Ar-25%CO ₂

MECHANICAL PROPERTIES

Hardness: Matrix:

WC Particles: 2600 Knoop (no Rc conversion available)

CLASSIFICATION

Cr-Ni steel hardfacing alloy