



Perfect Pass is a line of quality-first maintenance & repair alloys.
WIRES • POWDERS • STICK ELECTRODES

8901

DATA SHEET

SUPER STRENGTH, NON-CRACKING ALLOY FOR CAST IRON

GENERAL CHARACTERISTICS:

Crack resistant deposits have high strength yet are machinable when applied to a wide variety of cast irons. This special alloy is designed to removed impurities in the base metal by floating them out, rather than trapping them in the deposit. Deposits are machinable even through the bond line when proper procedure is used.

APPLICATIONS:

Welding of most types of cast irons (including grey iron, ductile iron, malleable iron, Ni-resist, and meehanite) to themselves or to steel. Can be used to weld nickel alloys to cast iron and steel. Recommended for welding cylinder heads, gear housing, machine bases, levers, cams, filling holes, repairing cast gears, and building up missing sections.

TECHNICAL DATA:

HARDNESS	APPROX 200 HB
CURRENT	AC or DC REVERSE
AMPERAGE	60A-90A
TENSIL STRENGTH	UP TO 69,000 psi
VOLTS	17V - 19V
TRAVEL SPEED	8-10 PER MINUTE
SHIELDING GAS	75 ARGON / 25 HELIUM or 100 ARGON

SIZES:

Diameter - .030" / .035" / .045"

Weight - 5.5LB / 11LB / 33lb SPOOLS



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