



*Perfect Pass is a line of quality-first maintenance & repair alloys.*

WIRES • POWDERS • STICK ELECTRODES

# C6/07

## DATA SHEET

### GENERAL CHARACTERISTICS:

Perfect Pass #C6/07 provides a higher manganese and silicon levels than almost every other joining electrode of this type. Single or Multipass welding, delivering extra deoxidizers allowing this electrode to be used on higher levels of mill scale, and foundry products, that need a little help from the wire electrode.

- Higher manganese and silicon contents provide more deoxidation and a flatter bead geometry.
- Increased productivity, better sidewall fusion than ER70S-6 solid wire.
- Excellent for short circuit welding.

### APPLICATIONS:

Great in welding when the presence of heavy mill scale or mild contaminants, or when improved wetting of the weld bead is desired. This product excels in general purpose welding, but it is superior in higher demand situations as in heavier sheet metal fabrication, structural work, pipe welding and welding of hot water heaters.

### MECHANICAL PROPERTIES:

- |                      |                                  |
|----------------------|----------------------------------|
| • SHIELDING GAS:     | 75%-95% AR/Balance CO2 35-50 OFH |
| • WELDING POSITIONS: | FLAT & HORIZONTAL                |
| • TENSILE STRENGTH:  | 87,200 PSI                       |
| • YIELD STRENGTH:    | 78,900 PSI                       |
| • ELONGATION:        | 25%                              |



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