



Manufacturers of Custom Welding Lines for Resale  
[www.selectrode.com](http://www.selectrode.com)

**SELECTRODE**

**7166**

**Gas-less Mild Steel FC MIG**

## INTERNATIONAL CLASSIFICATIONS

AWS A5.20

**E71T-GS**

## FEATURES & APPLICATIONS

7166 is an all-position, single pass, flux cored welding wire designed to weld carbon steel. The unique quality of this product is that you do not have to use a shielding gas. It produces smooth arc action, low spatter, full slag coverage and easy slag removal. The bead appearance is not equal to a gas shielded product, but the benefits of not having to use gas make this product extremely popular.

## ALL WELD METAL ANALYSIS (TYPICAL WEIGHT %)

P	Cu	C	Mn	Cr	Al	Si	V	S	Ni	Fe
0.01	0.034	0.18	0.65	0.034	1.30	0.40	0.004	0.01	0.042	Bal

## TYPICAL MECHANICAL PROPERTIES

<b>Undiluted Weld Metal</b>	<b>Maximum Value Up to:</b>
Transverse Tension Test	76,000 PSI (524 MPa)
Impact Energy	32 ft. lbs. (at 0°F)

## WELDING CURRENT & INSTRUCTIONS

**Recommended Current: DCEN**

Diameter (mm)	Amperage	Volts
.035" (0.9)	130-260	23-29
.045" (1.14)	150-350	24-30

**Welding Positions: All**