



**The Standard of Excellence  
in Tubular Welding Electrodes**

## SelectWear 43-S

### Alloy Group

Medium Alloy Martensitic Steel

### Description

**SelectWear 43-S** is a metal cored electrode designed for surfacing with the submerged arc process. It produces a deposit of medium hardness (R<sub>c</sub>40-45) with excellent resistance to rolling and sliding metal-to-metal wear. This electrode may be used for depositing multiple layers that are crack free and machinable. A neutral flux, such as Lincoln 801, should be used.

### Applications

Earthmoving idlers and rollers, mine car wheels

### Deposit Chemistry

Fe-Cr-Mn-Mo-C

### Deposit Hardness

1 Layer: 40 Rc

2 Layer: 42

3 Layer: 43

### Weld Parameters

#### Diameter

1/8"

#### Polarity

DCRP

#### Current (amps)

350-600

#### Voltage

27-30

#### ESO

1"

Rev 0 (10/13/2014)

Notice: The results reported are based upon testing of the product under controlled laboratory conditions in accordance with American Welding Society Standards. Actual use of the product may produce different results due to varying conditions. An example of such conditions would be electrode size, plate chemistry, environment, weldment design, fabrication methods, welding procedure and service requirements. Thus the results are not guarantees for use in the field. Select-Arc disclaims any warranty of merchantability or fitness for any particular purpose with respect to its products.