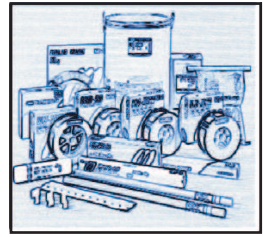


## Shielded Metal Arc Welding

# ANU BOND - CHROM -17 (E 430-15) AWS/SFA 5.4,E403-15,IS:5206 E 17 St

### Application :

Suitable for Surfacing and welding of Strength Chrom steel. Such as AISI 430 Grade. Automobile body moulding, Oil burner parts, equipments in the chemical & food industries.



### Characteristics on Usage :

It is a heavy coated basic type all position electrode depositing 17% Chrome type of weld metal. The weld metal has good resistance to corrosion, heat and is of radiographic quality.

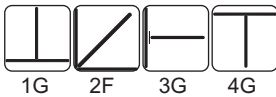
### Chemical composition of All-Weld metal (%) as per AWS

| C        | Mn      | Si       | S         | P         | Cr        | Ni       | Mo       |
|----------|---------|----------|-----------|-----------|-----------|----------|----------|
| 0.10 Max | 1.0 Max | 0.90 Max | 0.030 Max | 0.040 Max | 15.0-18.0 | 0.60 Max | 0.75 Max |

### Mechanical properties of all-weld metal as per AWS

| UTS<br>(N/mm <sup>2</sup> ) | Y.S.<br>(N/mm <sup>2</sup> ) | Elongation<br>(L=4d) % |
|-----------------------------|------------------------------|------------------------|
| 540                         | 470                          | 20                     |

### Welding Positions



### Packaging & Welding Current

| SIZE (mm)  | KG Per Packet | KG Per Carton | Current (Amps) | In Amps |
|------------|---------------|---------------|----------------|---------|
| 2.50 x 350 | 2             | 12            | DC (+)         | 60-90   |
| 3.15 x 350 | 2             | 12            |                | 90-130  |
| 4.00 x 350 | 2             | 12            |                | 130-160 |
| 5.00 x 350 | 2             | 12            |                | 170-200 |

