

# STRONG EB3R

CLASSIFICATION: AWS SFA 5.23 EB3R

SAW Wire for Creep Resistant Steels



## CHARACTERISTICS & APPLICATIONS

STRONG EB3R is a modified version of STRONG EB3 with very low impurity residuals (R) which results low Bruscato factor (X- Factor). The weld metal will provide good high temperature & creep resistance properties. Especially suitable for welding of pipes and tubes of matching compositions in power plants, refineries, petrochemicals, fertilizers plants etc.

## TYPICAL WIRE CHEMISTRY (%)

| C | Mn | Si | S | P | Cr | Mo | Cu | As | Sn | Sb | X Factor |
|---|----|----|---|---|----|----|----|----|----|----|----------|
|---|----|----|---|---|----|----|----|----|----|----|----------|

|               |               |               |              |              |               |               |             |              |              |              |     |
|---------------|---------------|---------------|--------------|--------------|---------------|---------------|-------------|--------------|--------------|--------------|-----|
| 0.05-<br>0.15 | 0.40-<br>0.80 | 0.05-<br>0.30 | 0.010<br>MAX | 0.010<br>MAX | 2.25-<br>3.00 | 0.90-<br>1.10 | 0.35<br>MAX | 0.005<br>max | 0.005<br>max | 0.005<br>max | <15 |
|---------------|---------------|---------------|--------------|--------------|---------------|---------------|-------------|--------------|--------------|--------------|-----|

## PACKAGING SPECIFICATIONS - SAW SPOOL PACK

**DIA SIZE** 1.60MM / 2.00MM / 2.40MM / 3.15MM / 4.00MM / 5.00MM

**SPOOL WEIGHT** 25KGS / 30KGS

## PACKAGING SPECIFICATIONS - DRUM PACK

**DIA SIZE** 1.60MM / 2.00MM / 2.40MM / 3.15MM / 4.00MM / 5.00MM

**WEIGHT** 150KGS / 250KGS / 300KGS / 350KGS / 500KGS

## RECOMMENDED COMBINATION SAW FLUX

**WIRE SIZE 2.40MM AND ABOVE**

**STRONG FLUX 10G / STRONG FLUX 62**

**WIRE SIZE 2.40MM AND BELOW**

**STRONG FLUX 16HS**