

# M-14K

## Classification

|            |                 |
|------------|-----------------|
| <b>AWS</b> | AWS A5.17 EM14K |
| <b>EN</b>  | ISO 14171-A SZ  |

## Features

- Submerged arc welding wire for standard carbon steel
- Typical applications include pressure vessels, steel structures, and pipes

## Typical Chemical Composition of the Wire (wt%)

| C    | Si   | Mn   | P     | S     | Ti   |
|------|------|------|-------|-------|------|
| 0.07 | 0.61 | 1.21 | 0.012 | 0.008 | 0.11 |

## Wire Diameter & Packaging

| Wire Diameter<br>mm(in) | Packaging                                                                                                                                                                                                  |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.6 (1/16)              | Spool 20kg(44lbs)<br>Basket 25kg(55lbs)<br>Coil 25kg(55lbs), 100kg(220lbs), 200kg(440lbs), 250kg(551lbs), 300kg(661lbs), 500kg(1102lbs)<br>Drum 250kg(551lbs), 300kg(661lbs), 350kg(771lbs), 400kg(881lbs) |
| 2.0 (5/64)              |                                                                                                                                                                                                            |
| 2.4 (3/32)              |                                                                                                                                                                                                            |
| 3.2 (1/8)               |                                                                                                                                                                                                            |
| 4.0 (5/32)              |                                                                                                                                                                                                            |
| 4.8 (3/16)              |                                                                                                                                                                                                            |

SMW

GMW

GTW

FCW

Metal-cored Wire

SAW Wire

SAW Flux