



303

GOLD



**Ferrite
Balanced
Super-Strength
Non-Cracking
Alloy for All
Steels**

- *Provides exceptional strength and crack resistance.*
- *Special "Ionized Arc Transfer" drastically reduces spatter and electrode overheating.*
- *Special flux formulation eliminates slag interference in horizontal fillets.*

**TRUST
MAGNA
FOR** *Ease of Application
Wide Versatility
Outstanding Physical
Properties*



TW
PERFORMANCE
POLYMERS & FLUIDS®

KOREA

MAGNA 303 GOLD Ferrite Balanced Super-Strength Non-Cracking Alloy for All Steels



SPECIAL BENEFITS

Magna 303 Gold Ferrite Balanced Super-Strength Non-Cracking Alloy for All Steels takes the guesswork out of maintenance welding.

- **Magna 303 Gold** welds any dissimilar steel combinations.
- **Magna 303 Gold** is ideal for all-position repairs of worn parts and as an underlay for hardfacing.
- **Magna 303 Gold** provides special "Ionised Arc Transfer" that drastically reduces spatter and electrode overheating, especially on small AC machines.
- **Magna 303 Gold** gives a deposit efficiency that is 20-25% higher than ordinary electrodes.
- **Magna 303 Gold** is coated with a special flux formulation that eliminates slag interference in horizontal fillets.

OUTSTANDING PROPERTIES

Magna 303 Gold is the superior alloy for all steels that:

- Provides excellent corrosion resistance.
- No undercutting, overlapping or piling up.
- Provides a smooth, regular well-formed bead.
- Uniform in cross-section.

USE FOR

Magna 303 Gold (for AC & DC) provides welds of excellent quality on the following metals:

- | | |
|-------------------------|-------------------------|
| • Spring Steel | • Manganese Steel |
| • High-Carbon Steel | • Vanadium Spring Steel |
| • Stainless Steel | • Tool and Die Steel |
| • Sulphur-Bearing Steel | • Cast Steel |
| • Galvanized Steel | • Shock-Resisting Steel |

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