



# 403

MAGNA 403 Hardfacing Electrode for High-Stress Abrasion

MAGNA 403



## Hardfacing Electrode for High- Stress Abrasion

- *Work hardening austenite matrix with hard carbides – gives super abrasion resistance.*
- *Easy application – without spatter or pin holes.*
- *Can outwear ordinary hardfacing rods 8-to-1.*

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

**MAGNA INDUSTRIAL CO. LIMITED**  
— Total Quality Maintenance



## SPECIAL FEATURES

**Magna 403 Hardfacing Electrode for High-Stress Abrasion** is the "Problem Solver" electrode.

- **Magna 403** features a dense work-hardening austenite matrix with hard carbides to resist both high-stress and low-stress abrasion.
- **Magna 403** provides easy application without spatter or pin holes – ensures easy slag removal.
- **Magna 403** outwears ordinary hardfacing rods by as much as 8-to-1.

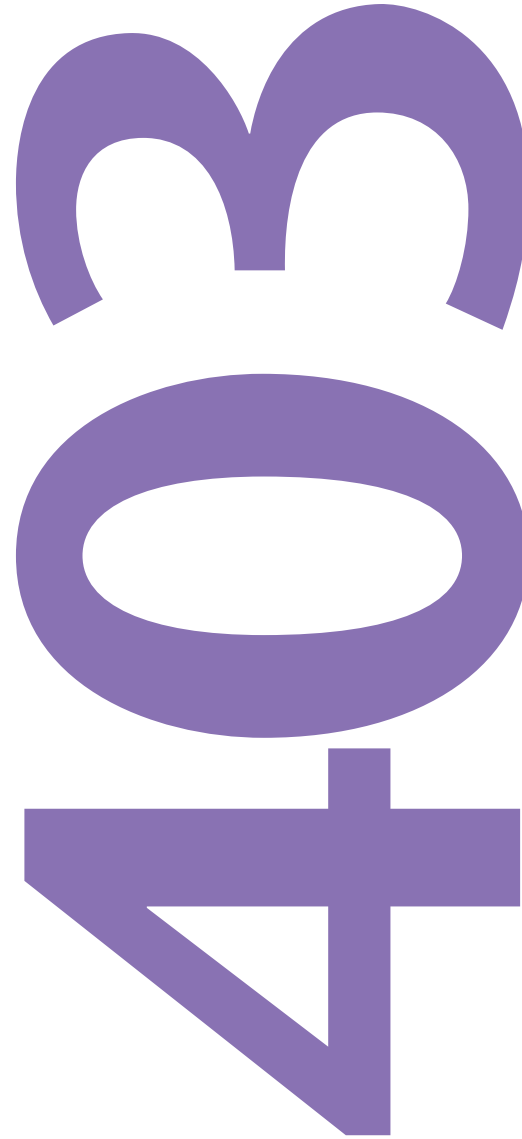
## OUTSTANDING PROPERTIES

**Magna 403 is the hardfacing electrode for high-stress abrasion that:**

- Withstands high-friction temperatures, yet will not crack at low temperatures
- Is highly alloyed so that hardness is not dependent on cooling rate.
- Provides a high deposition rate.
- Gives smooth, neat deposits.
- Provides hardness of 55 to 60 Rockwell C as applied.

## USE FOR

**Magna 403 (for AC & DC)** is the right choice for hardfacing welds that must withstand all types of high-stress abrasion, including erosion, scratching, grinding and gouging.



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