



309

MAGNA 309 FC TIG "RootGard"



**FC
TIG
"RootGard"**

- *Eliminates Inert Gas Purging in Pre-welding Set-up Procedure – Saves Time & Labor*
- *Excellent Penetration to Provide Back-shielding*
- *Versatile Root Pass TIG Welding Rod for Joining Pipes and Tubes Made of Austenitic Steel, Low Alloy Steel, Carbon Steel and Their Combinations, i.e. Dissimilar Steels*
- *For Pipe Welding in Petrochemical / Chemical Plants, Power Stations, Oil Refineries, etc.*

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



MAGNA INDUSTRIAL CO. LIMITED
Total Quality Maintenance

SPECIAL FEATURES

Magna 309 is the most versatile flux-cored TIG wire designed for applying the root pass in pipe welding without inert gas purging.

- **Magna 309** eliminates the need for inert gas purging and hence saves time, labor and all related pre-welding set-up procedure on site.
- **Magna 309** achieves quality penetration to protect the back-side of the joint from oxidation.
- **Magna 309** is suitable for welding various kinds of austenitic steel, carbon steel, low alloy steel, and their combinations (or dissimilar steels).
- **Magna 309** is approved by ABS (American Bureau of Shipping).

OUTSTANDING PROPERTIES

MAGNA 309 is engineered for the pipe maintenance welding in the process industries with:

- Excellent scaling resistance at temperatures up to 600°C.
- Delicately formulated chemical composition to prevent martensite formation.
- X-Ray quality weld proven by radiography test performed by a renowned laboratory using API test standard.

USE FOR

Use MAGNA 309 for:

- Quality root pass in pipe welding without inert gas purging.
- Various kinds of austenitic steel, carbon steel, low alloy steel and their combinations.
- Minor repair on Cr-Mo pipes in emergency applications.



Magna Industrial reserves the right to modify or change this product for purposes of improving its performance characteristics.
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