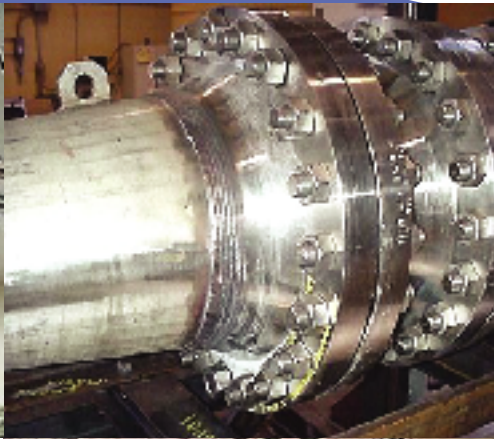




39

MAGNA 39 FC TIG "RootGard"



FC TIG "RootGard"

- *Newest Flux-Cored Welding Formulation For In-situ Pipe Repair in Refineries, Power Plants, Chemical Plants or Fertilizer Plants*
- *Needs No Back-Shielding / Purging – Saves Time & Cost*
- *Shields Backside of Root Pass from Corrosive Impact of Atmospheric Nitrogen & Oxygen*
- *Most Efficient, Reliable and Economical Single-Sided TIG Welding Technology Enabled by Smooth & Clean Penetration*

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

MAGNA INDUSTRIAL CO. LIMITED
Total Quality Maintenance

SPECIAL FEATURES

MAGNA 39 is a state-of-the-art flux-cored wire that promotes genuine cost & time saving in maintenance welding of pipes & vessels.

- **MAGNA 39** eliminates the need for back shielding or purging using inert gas, excessive downtime, and all related setup costs in maintenance pipe welding.
- **MAGNA 39** shields the backside of the root pass from destructive effects of atmospheric nitrogen & oxygen.
- **MAGNA 39** is an ideal in-situ maintenance welding formulation suitable for versatile applications in refineries, power plants, chemical plants or fertilizer plants.

OUTSTANDING PROPERTIES

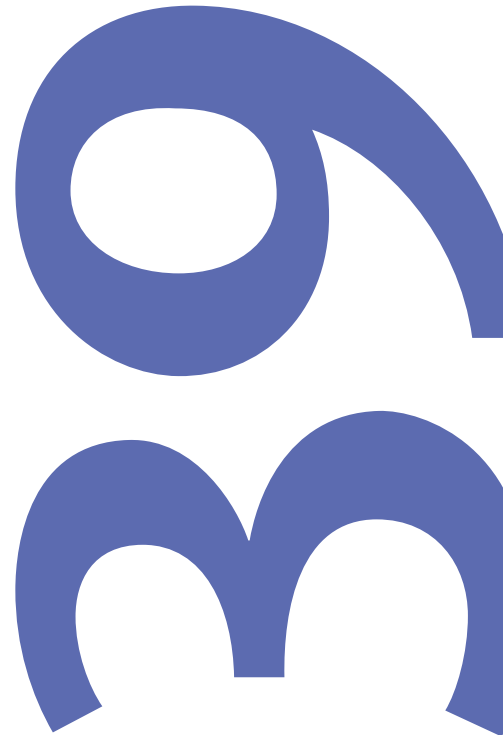
MAGNA 39's advanced formulation offers:

- 316 stainless steel type deposit for outstanding corrosion resistance
- Extra low-carbon formulation to minimize inter-granular corrosion due to chromium carbide precipitation
- Ideal application for low carbon 18% Cr-12% Ni-3% Mo grade stainless steels
- Excellent X-Ray result

USE FOR

Use **MAGNA 39** for:

- Root pass in pipe welding to eliminate backside purging with inert gas
- Most stainless steels, low-alloy steels and mild steels
- 316 and 316L type steels
- Ad-hoc or urgent pipe repairs that could not be accompanied with extensive setup and preparation or unplanned downtime
- Piping systems in refineries, power plants, chemical plants, fertilizer plants, etc.



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