



Chrome and Nickel free
Solid Cored Wire

EnD0tec

SAFE-HARD 600



Inspired by safety, engineered for performance

- Fullfilment of the most exigent European Exposure Occupational Limits (EOL)
- Reduced fumes emission with remarkable Zero risk of CrVI presence
- Improved wear performance against abrasion / impact combination
- Wide range of applications and use based on advanced chemistry
- Regular bead profile, spatter free, smooth & clean surface deposit



Safe-Hard 600 The evolution in Safety

Worldwide, 11 million workers are estimated to have a job title as welder, and around 110 million additional workers probably incur welding-related exposures. Extraction and filtration are mandatory. Additionally, the absence of Cr and Ni in Safe-Hard contributes actively and exceptionally to increase the safety of both the welder and other workers in the area.



Cost effective for all industries

Medium alloy steel with high C content, with very fine carbides in small grain size matrix. The deposit offers excellent resistance to wear caused by the right balance of impact and abrasion. The product reaches 600Hb hardness after welding and shows improved performance compared to traditional 600Hb 9% Cr alloys.

Cut your welding and maintenance costs

Safe-Hard 600 as part of EnDOtec SCW Range

Features & Customer Benefits

- Low heat input peripheral arc characteristics
- Improved service life of torch contact tips
- Lower risk of lack of fusion defects
- Virtually zero moisture pick-up on wire in humid conditions
- Minimal solid residues accumulation in lining/torch
- Cleanest wire surface condition for perfect feeding



Stronger, with Castolin Eutectic

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