

Welding Electrode, E7018

High-efficiency low hydrogen electrode offering strong, reliable welds – ideal for structural and demanding steel applications.

Iron powder low hydrogen electrode designed for highly efficient welding of mild steel and high tensile strength steel up to approximately 490 MPa.

The electrode coating contains a significant amount of iron powder, providing high deposition rates and improved productivity. It delivers a stable arc, good penetration, and welds with excellent mechanical properties.

With its low hydrogen content (H4R classification), it reduces the risk of cracking, making it suitable for critical and load-bearing structures. The electrode can be used with both AC and DC+ current and performs well in various welding positions.

- Classification: E7018 / E7018-1 H4R
- Low hydrogen content (<4 ml/100 g)
- Suitable for mild and high tensile steels (up to ~490 MPa)
- High deposition efficiency (iron powder coating)
- Stable arc and high weld quality
- Suitable for AC and DC+

Typical applications:

- Structural steel (bridges, buildings)
- Workshop and industrial welding
- Offshore and marine structures
- Repair and maintenance



Read more about the product here:

<https://john-dahle.no/product?number=1151010VM>