Submerged Arc Welding Wire

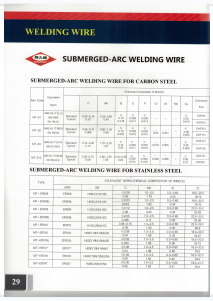
This welding wire is designed for submerged arc welding applications. It ensures consistent and reliable weld performance, providing excellent arc stability and minimal spatter.

Product Overview

Professional Submerged-Arc Welding Wire

This premium-grade welding wire is engineered for high-performance submerged-arc welding applications across both carbon and stainless steel projects. It delivers exceptional arc stability, minimal spatter, and superior corrosion resistance, ensuring robust and reliable joints. The wire is meticulously manufactured to meet stringent industry standards, making it an ideal choice for automated and manual fabrication of boilers, pressure vessels, bridges, and ship hulls.

Standards & Compliance


WELDING WIRE

SUBMERGED-ARC WELDING WIRE

SUBMERGED-ARC WELDING WIRE FOR CARBON STEEL

SUBMERGED-ARC WELDING WIRE FOR STAINLESS STEEL

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Chemical composition specifications for carbon and stainless steel welding wire variants.

Approvals

CCS • LR • ABS • GL • BV • DNV • NK • CWB

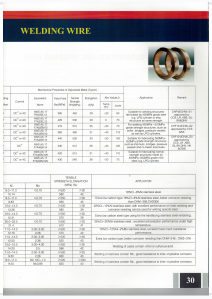
Equivalent Norms	AWS A5.17, GB, EN 756

Application Suitability

Suitable Industries

- LPG Cylinder Fabrication
- Ship Hulls and Structures
- Boilers and Pressure Vessels
- Bridge Construction
- H-Beam Structures

Mechanical Properties



Mechanical properties and industrial application standards for deposited metal.

Deposited Metal Performance

Grade	Yield Point (MPa)	Tensile Strength (MPa)	Elongation (%)
F6A0/EL12	360	450	29
F7AZ/EL12	425	530	29
F7A4/EM12K	420	510	31
F7A4/EH14	430	510	28