



HILCO PIPEWELD 6010

Stick electrodes – unalloyed steel

AWS A5.1: E 6010

EN ISO 2560-A: E 38 3 C 21

Coating type:

Cellulose

Current:



* Root pass!

Welding positions:



Pipeweld 6010 is our cellulose coated electrode recommended for all welding positions, particularly in vertical down and overhead position. The electrode is characterised by a deeply penetrating, forceful, spray type arc and readily removable slag. The majority of applications are in joining carbon steel, but performance on galvanised and some low-alloy steels is proven to be excellent. Typical applications include shipbuilding, general constructions, bridges, storage tanks, piping and pressure vessel fittings.

Base materials to be welded:

- Ships plate A-E, A(H)32-E(H)36, S315G1S-S355G3S
- Structural steel S185-S355J2G3, St.33-St.52.3, C(K)10-C(K)35
- Boiler steel P235GH-P355GH, HI, HII, 17Mn4, 19Mn6
- Fine grain steel P275N-P355NL2, S275N-S420N, StE285-ESStE355, StE285TM-ESStE355TM
- Pipe steel P235T1-P355N, L210-L415MB, St37.0-St52.4, St45.8, X42-X60, StE210.7-StE360.7TM
- Cast steel GP240R, GS45

Applications:

- Shipbuilding & Offshore
- General fabrication & construction
- Power Generation
- Repair & Maintenance
- Oil & Gas Industry

Chemical composition, wt.% weld metal – typical:

C	Mn	Si
0,12	0,5	0,14

Mechanical properties, weld metal – typical:

Condition	0,2% Yield strength MPa	Tensile strength MPa	Elongation Lo=5d - %	Impact Values ISO-V J
As welded	≥ 390	≥ 470	≥ 22	-30°C ≥ 47 20°C ≥ 70

Packaging and welding data:

Dia. mm.	Length mm.	Weight (kgs) 1000 pcs.	Current A
2,5	350	17,7	50-80
3,2	350	25,5	80-130