

ROCKWELD 317L



Rockweld 317L is a rutile high-alloy extra-low carbon (ELC) for chromium-nickel steels of the 19Cr 13 Ni 4 Mo type. The increased Molybdenum content gives higher pitting corrosion resistance and elevated temperature strength. Smooth bead appearance. Low spatter loss. Easy slag removal.

CLASSIFICATIONS

AWS	A5.4	E317L-16
BS	2926	19.13.4.L.R.
DIN	8556	E 19 13 4 LR 23

CHEMICAL ANALYSIS

% Carbon	<0.03
% Silicon	0.700
% Manganese	0.500
% Chromium	19.00
% Nickel	12.50
% Molybdenum	3.500

**TYPICAL MECHANICAL PROPERTIES
ALL WELD METAL**

Tensile Strength	550 - 660 MPa
Yield Strength	>380 MPa
Elongation on 5d	>30%
Impact Energy at 20°C	>40J

PACKING DATA

Diameter (mm)	Current (A)	Item Number	Pack Mass (Kg)
2.50	50-75	078-066	3 x 5
3.20	75-110	078-068	3 x 5
4.00	110-150	078-070	3 x 5
5.00	140-190	078-072	3 x 5

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