

COREMAX 316LP



Coremax 316LP is an all position flux cored wire for welding 316 and 316LP type austenitic stainless steels. It has excellent weldability and slag detachment and provides high resistance to intergranular corrosion due to the low carbon content.

CLASSIFICATION

AWS A5.22 E316LT1-4

CHEMICAL ANALYSIS (TYPICAL)

% Carbon	0.030	% Phosphorous	0.021
% Manganese	1.71	% Chromium	19.33
% Silicon	0.56	% Nickel	12.35
% Sulphur	0.006	% Molybdenum	2.37

**TYPICAL MECHANICAL PROPERTIES
(ALL WELD METAL IN THE AS WELDED
CONDITION)**

2% Proof Stress	450 MPa
Tensile Strength	562 MPa
Elongation on 5d	41%
Charpy V-Notch at -196°C	31J
Hardness HV	205

PACKING DATA

DC+

Position	Diameter (mm)	Amps	Volts	Item Number	Pack Mass (Kg)
F, HF	1.2	140 - 220	23 - 33	081-143	15
UV, OH		120 - 200	24 - 30		

Recommended Gas Afrox Flux Shield but can be used with 100% CO₂

The information contained or otherwise referenced herein is presented only as typical without guarantee or warranty, and Afrox expressly disclaims any liability incurred from any reliance thereon. No data is to be construed as recommended for any welding condition or technique not controlled by Afrox.

For more information contact the Afrox Customer Service Centre,
tel: 0860 020202 or e-mail: customer.service@afrox.boc.com
Website: www.afrox.com