

**DATA SHEET No. 0000**

# DAIKO FCW 316L

## Flux Cored Wire

Description / Alloy type: This wire is designed for welding 18%Cr-12%Ni-2.5%Mo stainless steels like type 316L or EN 1.4435.

Specifications: **AWS A5.22** **EN ISO 17633-A**  
E316LT0-1/4 T 19 12 3 L R C/M 3

Applications: This is a rutile flux cored wire which operates with very stable, spatter free arcs producing bright, smooth weld bead surfaces and self releasing slag. Due to the low carbon content in the weld metal, it is possible to obtain high resistance to intergranular corrosion. FCW DAIKO 316L is used mainly for downhand and horizontal fillet welding.

Composition:  
(weight %)

	C	Si	Mn	P	S	Ni	Cr	Mo
Typ	0.03	0.60	1.60	0.020	0.006	12.2	18.7	2.80

All-weld proprieties:

	Typical
Tensile strength [MPa]	570
Yield strength [MPa]	430
Elongation [%]	39
Impact Energy -20°C [J]	44