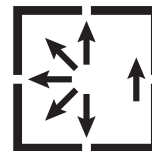


HYPERARC™ 316L

316L STAINLESS STEEL ELECTRODE



SUMMARY

- ✓ Excellent arc stability
- ✓ High penetration
- ✓ Less spatter
- ✓ Concentrated arc

CLASSIFICATION

- ✓ AS/NZS 4854: ES316L-16
- ✓ AWS/ASME SFA5.4: E316L-16

DESCRIPTION

The HYPERARC 316L is a Stainless Steel electrode specifically used for welding 316 and 316L as well as other 300 series stainless steels.

RECOMMENDED CURRENT

AC & DC+

OPERATING DATA

ELECTRODE SIZE (MM)	ELECTRODE LENGTH (MM)	CURRENT RANGE
2.6mm	300mm	50-90A
3.2mm	350mm	70-110A

TYPICAL CHEMICAL COMPOSITION (%)

C	Mn	Si	P	S
0.024	0.856	0.84	0.037	0.012
Ni	Cr	Mo	Cu	
11.4	18.2	2.46	0.2	



TYPICAL MECHANICAL ANALYSIS

Yield Stress	502 MPa
Tensile Strength	645 MPa
Elongation	32%
Impact Test	63J @ -20°C

TYPICAL APPLICATIONS

- ✓ Stainless Steel fabrication
- ✓ Welding 300 series stainless steels
- ✓ Suitable to weld 301, 302, 303, 304 and 304L

PACKAGING INFO

ELECTRODE SIZE (MM)	WEIGHT (KG)	SKU
2.6mm	1kg (Handy Pack)	U63021
2.6mm	2kg (Vacuum Seal)	U63023
3.2mm	1kg (Handy Pack)	U63022
3.2mm	2kg (Vacuum Seal)	U63024

The information referenced on this page is based on typical weld data without guarantee or warranty, UNIMIG will not be liable for any reliance on this data. For detailed product data, refer to the relevant batch certificate available from UNIMIG.