

Product Data Sheet



BRAND NAME VJ ER317L

AWS/ASME Class ER317L

SPECIFICATION SFA A5.9

Features and Applications :

VJ ER317L is designed for welding stainless steels of similar composition and their equivalents. It offers exceptional corrosion resistance, particularly against sulfuric, sulfurous, and phosphoric acids, making it ideal for demanding industrial applications.

CHEMICAL COMPOSITION :

All Weld Metal (%)			
TYPICAL	Max	TYPICAL	Max
C	0.02	Mn	1.80
Cr	19.00	Si	0.40
Ni	13.5	S	0.010
Mo	3.50	P	0.015
Cu	0.75		

MECHANICAL PROPERTIES OF WELD METAL

All Weld Metal - As Welded	
Properties	Typical
UTS (MPa)	550
El (%)	35

DIMENSIONS:

Dimension (mm)	
GMAW	GTAW
0.80	1.6
1.20	2.0
1.60	2.4
	3.2

GMAW CURRENT : DC (+)	SHIELDING GAS: ARGON
GTAW CURRENT : DCEN	SHIELDING GAS: ARGON

PACKING :

GTAW : 5 kg wire put in a plastic container. Identification AWS code is punched on side of wire.

GMAW : The wire can be supplied in plastic spool packed in a cardboard box weighing 15.0 kg.

WELDING POSITION:

