

Product Data Sheet



BRAND NAME VJ 308

AWS/ASME Class E308 -16

SPECIFICATION SFA A5.4

Features and Applications :

VJ 308 electrode is specifically designed for welding 18-8 stainless steel types, including 301, 302, 304, and 308. The weld deposit maintains an optimal chemical composition and ensuring excellent weldability, particularly for Type 308 stainless steel. metallurgical properties, this electrode is also suitable for welding lower alloyed 18-8 stainless steels. It provides a weld deposit with corrosion resistance that is equal to or superior to the base metal, ensuring durability and reliability in various applications.

CHEMICAL COMPOSITION :

All Weld Metal (%)			
TYPICAL	Max	TYPICAL	Max
C	0.08	Mn	1.20
Cr	19.60	Si	1.00
Ni	9.50	S	0.03
Mo	0.75	P	0.04
Cu	0.75		

MECHANICAL PROPERTIES OF WELD METAL

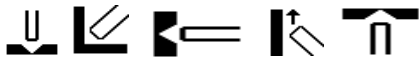
All Weld Metal - As Welded	
Properties	Typical
YS (MPa)	490
UTS (MPa)	580
El (%)	33

DIMENSIONS & CURRENT DATA

Dimension (mm)	Current (A)		Packing (Kgs)
	Min	Max	Qty / Pkt
Dia x Length			
2.50 x 350	50	90	5
3.15 x 350	90	140	5
4.00 x 350	110	190	5
5.00 x 350	180	260	5

CURRENT : AC/DC (+)

WELDING POSITION:



OTHER DATA:

Redrying: The electrodes should be redried at 250°C for 1 hour.