

Characteristics and Applications:

TFS-300 is a neutral bonded flux, which has good weldability, excellent slag removal and smooth bead appearance. Some alloys were suitably added to maintain the stability of the alloy content in weld metal. It features very sophisticated mechanical properties and corrosion resistibility.

- Stainless308, 308L, 316 and 316L butt join.
- Pressure vessel

Notes on usage:

1. Use low heat input to keep the corrosion resistibility and mechanical properties on heat-affected zone unchanged.
2. Bake at 200~300°C for 1-2hr before use.
3. Add reasonable new flux when recycle the used flux so as to maintain good welding quality.

Typical chemical composition of weld metal (wt %):

Wire	C	Mn	Si	P	S	Cr	Ni	Mo
TW-308L	0.04	1.50	0.46	0.020				

This information is intended for reference only. It is not intended to be used as a substitute for the manufacturer's specifications. The user should refer to the manufacturer's specifications for the latest information. No data is to be construed as recommendation for any welding condition or technique not controlled by TienTai Electrode Co., Ltd.