

# LSF30xLSW-316/316L



LINKWELD ALLOYS INC.

AWS A5.9 ER316/316L  
JIS Z3324 S316/316L

## Characteristics:

LSF-30 is an agglomerated flux adding proper contents of alloying element to maintain the stability of the contents of ferrite in weld metal. It is designed for welding with stainless steel 316/316L to gain characteristics of great crack and corrosion resistibility and mechanical property. With good weldability, slag removal, stable arc, smooth bead appearance and welding efficiency.

## Applications:

It is suitable for welding of stainless steel 316/316L.

## Notes on Usage:

1. Dry the flux at 300-350°C for 60 minutes before use.
2. To get the corrosion resistibility and mechanical properties on heat effect zone, recommend to use low heat input.

## Typical chemical composition of weld metal (wt%)

C	Mn	Si	Ni	CR	Mo
0.03	1.70	0.40	11.20	19.00	2.13

## Typical mechanical properties of weld metal

TS N/mm <sup>2</sup>	EL%	IV -196°C J
550	42	40

## Sizes available, Package:

Wire: Diameter (mm)	2.4	3.2	4.0
Wire: Weight per roll (kg)	25	25	25
Flux: Weight per bag(kg)	25	25	25