

P2000S

TOP FEATURES

- Chromium compensating stainless steel flux
- Recommended for dissimilar welding
- Moisture resistant packaging

CLASSIFICATION

Flux	EN ISO 14174: S A AF2 7681 DC H5	
Wire	EN ISO 14343-A	AWS A.59/A5.9M
LNS 309L	S 24 12 L	ER309L
LNS 4462	S 22 9 3 N L	ER2209
LNS Zeron® 100X	S 25 9 4 N L	ER2594

CHEMICAL COMPOSITION (WEIGHT %), TYPICAL, ALL WELD METAL

Wire grade	C	Mn	Si	Cr	Ni	Mo	N	Cu	W	FN
LNS 309L	0.015	1.5	0.5	25	13					15-20
LNS 4462	0.015	1.5	0.5	24	8	3.0	0.1			40-60
LNS Zeron® 100X	0.02	0.5	0.4	26	9	3.7	0.2	0.7	0.6	30-60

MECHANICAL PROPERTIES, TYPICAL, ALL WELD METAL

Wire grade	Yield strength (MPa)	Tensile strength (MPa)	Elongation (%)	Impact ISO-V (J) -40°C
LNS 309L	450	600	33	80
LNS 4462	700	850	27	50
LNS Zeron® 100X	670	880	25	45

FLUX CHARACTERISTICS

Current type	DC(+/-)
Basicity (Boniszewski)	1.6
Solidification speed	High
Density (kg/dm³)	1.2
Grain size (ISO 14174)	1-16

PACKAGING AND AVAILABLE SIZES

Packaging	Weight (kg)	Item number
SRB BAG	25.0	FXP2000S-25SRB

TEST RESULTS

Test results for mechanical properties, deposit or electrode composition and diffusible hydrogen levels were obtained from a weld produced and tested according to prescribed standards, and should not be assumed to be the expected results in a particular application or weldment. Actual results will vary depending on many factors, including, but not limited to, weld procedure, plate chemistry and temperature, weldment design and fabrication methods. Users are cautioned to confirm by qualification testing, or other appropriate means, the suitability of any welding consumable and procedure before use in the intended application.

Safety Data Sheets (SDS) are available here:



Subject to Change – The information is accurate to the best of our knowledge at the time of printing.
Please refer to www.lincolnelectric.eu for any updated information.