



## Select 430L-Cb

### Description:

Normally used for single pass applications on thin sheet metal materials, **Select 430L-Cb** is a metal cored electrode designed for the welding of ferritic stainless materials. **Select 430L-Cb's** higher chrome content combined with the columbium (niobium) stabilization provides similar heat and corrosion resistance to the base metals which are welded.

### Classification:

- No AWS Class

### Characteristics:

- Faster travel speeds, less burn through, less spatter means greater productivity.
- Handles poor fit up and gaps, easier to weld than solid wire
- Easy transition to spray transfer.

### Applications:

**Select 430L-Cb** is designed to weld heat resistant, corrosion resistant, ferritic stainless steels used in exhaust system components. Typical applications include manifolds, converters, mufflers and tubular components of automotive exhaust systems made of 430 grade materials.

### Typical Deposit Composition:

Wt%	C	Cb	Cr	Cu	Mn	Ni	P	S	Si
	.02	.36	16.50	.03	.68	.02	.007	.010	.58

### Suggested Parameters:

Diam. (in.)	Optimum			Range			ESO
	Amperage	WFS	Voltage	Amperage	WFS	Voltage	
.045"	250	410	25-26	190-330	240-600	22-28	½-1"
.052"	300	350	24-25	220-460	220-620	23-30	½-1"
1/16"	350	300	26	240-520	160-500	22-31	¾-1¼"

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**Notice:** The results reported are based upon testing of the product under controlled laboratory conditions in accordance with American Welding Society Standards. Actual use of the product may produce different results due to varying conditions. An example of such conditions would be electrode size, plate chemistry, environment, weldment design, fabrication methods, welding procedure and service requirements. Thus the results are not guarantees for use in the field. The manufacturer disclaims any warranty of merchantability or fitness for any particular purpose with respect to its products.