

# Lincolnweld® P223

## Key Features

- Industry standard for pipe welding
- Fast freezing and easily removable slag for excellent bead profile
- Can be used for welding with up to three arcs

## Conformances

AS/NZS ISO 14174: SA AB 167 AC H5

## Recommended Wires

### Mild Steel:

Lincolnweld® L-61, LA-71, L-53

### Low Alloy Steel:

Lincolnweld® L-70

## Typical Applications

- Pipe welding up to X80 grade pipe
- Two run welding applications for pipe fabrication
- Multiple pass welding for general construction

## Product Information

**Current type:** DC / AC

**Basicity (Boniszewski):** 1.6

**Solidification speed:** High

**Density (kg/dm<sup>3</sup>):** 1.2

**Grain size (ISO 14174):** 2 -20

## Packaging

Package Type	Weight Kg	Part Number
Plastic Bag	25	FXP223-25SRB

## Typical Test Results

Flux/Wire Combination	Weld Condition	Yield Strength MPa	Tensile Strength MPa	Elongation %	Charpy V-Notch J@ °C		AWS Classification A5.17/A5.23
L-61	As Welded	410	490	31	126	-40	F7A4-EM12K
LA-71	As Welded	480	570	25	94	-40	F7A4-EM14K
LA-71	Stress Relieved	410	540	30	76	-51	F7P6-EM14K
L-53	As Welded	460	570	30	75	-62	F7A5-EH12K
L-70	As Welded	550	650	25	53	-29	F8A2-EA1-A2