

## FLUXES FOR LOW ALLOY STEELS

S/No.	Product Name	Specifications	Basicity Index	Product characteristics and application areas
1	Welmet Flux 908	SFA 5.17M F48A2/F48P2 - EM12K SFA 5.17M F48A4/F48P4 - EH 14 SFA 5.23M F55A4/F55P4 - EA 2	1.2	Good operating characteristics, smooth and shiny weld bead, easy slag removal. Suitable for welding medium tensile, carbon & low alloy steels. Used in heavy structural and pressure vessels fabrication.
2	Welmet Flux 944	SFA 5.17M F48A2/F48P2 - EM12K SFA 5.17M F48A4/F48P4 - EH 14 SFA 5.23M F55A4/F55P4 - EA 2	1.3	Good operating characteristics, smooth and shiny weld bead, easy slag removal. Suitable for welding medium tensile, carbon & low alloy steels. Used for heavy structural and pressure vessels fabrication.
3	Welmet Flux 70	SFA 5.17M F48A2/F48P2 - EM12K SFA 5.17M F48A4/F48P4 - EH 14 SFA 5.23M F55A4/F55P4 - EA 2	1.7	Suitable for welding medium tensile, carbon & low alloy steels. Used for heavy structural, pressure vessels, earth moving equipment repair. It is useful for both single and multiple wire technique.
4	Welmet Flux 71	SFA 5.17M F48A2/F48P2 - EM12K SFA 5.17M F48A4/F48P4 - EH 14 SFA 5.23M F55A4/F55P4 - EA 2	1.7	Suitable for single / multiple wire technique & has ability to stand heavy currents. Fabrication of pressure vessels off shore structures & platforms, penstocks, heavy earth moving equipment & automobile manufacture using various grades of Cr-Ni & high tensile fine grained steels as well as heat resistant structural steels.
5	Welmet Flux 61(865)	SFA 5.17M F48A4/F48P4 - EM12K SFA 5.17M F55A5/F48P5 - EH 14 SFA 5.23M F62A6/F55P5 - EA 2 SFA 5.23M F62A6/F62P6 - EA 3	3.1	Most suitable in multi run welding of thick components with single or multiple wires. The deposit has good toughness and impact properties. Typical application areas are in fabrication of high reliability structures and components.
6	Welmet Flux 851	SFA 5.17M F48A4/F48P4 - EM12K SFA 5.17M F55A5/F48P5 - EH 14 SFA 5.23M F62A6/F55P5 - EA 2 SFA 5.23M F62A6/F62P6 - EA 3 SFA 5.23M F62A5/F62P5 - EB3	3.1	Most suitable in multi run welding of thick components with single or multiple wires. The deposit has good toughness and impact properties. Suitable for welding with various grades of alloy steel wires. Typical application areas are in fabrication of high reliability structures and components.