

# FLUXES FOR CARBON-MANGANESE STEELS

S/No.	Product Name	Specifications	Basicity Index	Product characteristics and application areas
1	Welmet Flux 485M	SFA 5.17M F48A0/F43P0 - EL8/EL12 SFA 5.17M F48A2/F43P2 - EM12K	0.8	A high-speed flux with soft arc for thin plate butt joints. Shiny, smooth beads, easy slag removal, good side wash. Ideal where thin sheet / plate fabrication of LPG Cylinders, thin walled shells and fabrication of high masts lighting posts used for illuminating streets, open cast mining areas etc.
2	Welmet Flux 40 (845)	SFA 5.17M F48A0/F43P0 - EL 8/12 SFA 5.17M F48A2/F43P2 - EM12K SFA 5.23M F62A2/F55P0 - EA2	0.5	A high-speed flux for general structural welding. Ideal for spiral welded pipe made of carbon & low alloy steels. Ideal for fillets at high speed like in production of boiler tube panels.
3	Welmet Flux 81L (910)	SFA 5.17M F48AZ/F48PZ - EL8/EL12 SFA 5.17M F48A2/F48P2 - EM12K SFA 5.17M F48A3/F43P3 - EH14	0.6	A single flux for many general applications with good operating characteristics or butt in structural fabrication, fabrication of welded pipes, reaction pressure vessel, steam generators, penstock, structural shapes, earth moving equipment, rail & crane girder and wheel rim etc.
4	Welmet Flux 237	SFA 5.17M F48A0/F43P0 - EL 8/12 SFA 5.17M F48 A2/F43P2- EM12K SFA 5.23M F62A2/F55P0 - EA2	0.9	A little expensive flux with good operating characteristics, high current capacity, high cracking restraint and high operating speed capability. Typically used for spiral welded pipes, machine building, automotive component manufacture, earth moving equipment, high pressure pipe lines, etc.
5	Welmet Flux 758 (938)	SFA 5.17M F48AZ/F48PZ - EL 8/EL 12 SFA 5.17M F48A2 / F48P2 - EM12K SFA 5.23M F62A3/F55P3 - EA2	1.0	A general-purpose neutral flux. Attractive as 'one flux' in the shop. Ideal for fillets because of good deslagging and wash in aspect. Suitable for general structural fabrication, Ship plate and Cast steel welding, Pipe, Boiler and pressure vessel fabrication in low alloy, high strength fine grained steel.
6	Welmet Flux 780	780 SFA 5.17M F48A0/F43P0 - EL 8/12 SFA 5.17M F48 A2/F43P2 - EM12K SFA 5.23M F62A2/F55P0 - EA2	1.0	Good operating characteristics, smooth and shiny weld bead, easy slag removal. Ideal for gravity fillets at high speed. Useful in production of boiler tube panels.