SOLID WIRES FOR SUBMERGED ARC WELDING (SAW)

49	WELDFAST EL 8	AWS/ SFA 5.17 EL8	0.10 max	0.25-0.60	0.07 max	0.03 max	0.03 max	0.35 max	–	Low Manganese-Silicon copper coated wire is suitable for welding of Mild steel, medium, high tensile steel and unalloyed steels in combination with agglomerated SAW flux. Typical applications are LPG cylinders, long seam welded pipes, butt and fillet welds in general structural welding.
50	WELDFAST EL 12	AWS/ SFA 5.17 EL12	0.04-0.14	0.25-0.60	0.10 max	0.03 max	0.03 max	0.35 max	–	Suitable for continuously welded pipes, wind mill towers, high speed welding pressure vessels and structures with high thickness etc. Could be used with suitable flux for obtaining good sub-zero impact properties.
51	WELDFAST EM 12K	AWS/ SFA 5.17 EM12K	0.05-0.15	0.80-1.25	0.10-0.35	0.03 max	0.03 max	0.35 max	–	Medium Manganese killed steel wire offer better radiographic quality & tough deposit. Suitable for H- SAW pipes, L-SAW Pipes, Conventional pipes and structural fabrication.
52	WELDFAST EH 14	AWS/ SFA 5.17 EH 14	0.10-0.20	1.70-2.20	0.10 max	0.03 max	0.03 max	0.35 max	–	High Manganese killed steel wire for thick joints which requires PWHT, Suitable for manufacture of pressure vessels, heat exchangers, boilers etc.
53	WELDFAST EH 10K	AWS/ SFA 5.17 EH 10K	0.07-0.15	1.30-1.70	0.05-0.25	0.025 max	0.025 max	0.35 max	–	Typical applications include manufacture of API pipes, High pressure pipelines, Pen-stocks, Nuclear reactors. Could be used for cryogenic applications by using suitable flux.
54	WELDFAST EA 2	AWS/ SFA 5.23 EA2	0.05-0.17	0.95-1.35	0.20 max	0.025 max	0.025 max	0.35 max	0.45-0.65	Medium manganese wire with moly gives higher strength and toughness of weld deposit. Can be used where PWHT is relatively long. Suitable for Pressure vessels, heat-exchangers, Welding of steel with 0.5% Mo and low alloy steels.

Packing of SAW Wire : SAW Wires are layer wound in 25 kgs (net weight) as standard spool packing. Drumpack packing in 250 kgs, 350 kgs, 500 kgs are available as per requirement of customer.