WELD 70S-6

ESAB Weld 70S-6 is a copper-coated AWS ER70S-6 solid wire, suited for general purpose, manual and semiautomatic applications in most industries. It is manufactured under ESAB's Quality Control programs and meets AWS standards.

Specifications	
Classifications	EN ISO 14341-A : G 38 2 C1 Z 3Si1 SFA/AWS A5.18 : ER70S-6
Industry	Industrial and General Fabrication Automotive Mobile Equipment Ship/Barge Building Civil Construction

Shielding Gas	M21, C1 (EN ISO 14175)

Typical Weld Metal Analysis %				
C	**Mn**	**Si**	**S**	**P**
CO2(C1)				
0.07	1.5	0.9	0.010	0.013

Deposition Data				
Diameter	**Current**	**Voltage**	**Wire Feed Speed**	**Deposition Rate**
0.9 mm (0.035 in.)	80-175 A	17-22 V	2.5-6.4 m/min (98-252 in./min)	0.7-1.8 kg/h (1.5-4.0 lbs/h)
1.14 mm (0.045 in.)	145-200 A	19-21 V	3.2-5.1 m/min (126-201 in./min)	1.5-2.5 kg/h (3.3-5.5 lbs/h)