



Dual Shield 7100S

FCAW

ESAB Dual Shield 7100S is an all-position wire with a bright surface finish that is uniquely designed to provide high deposition rates, high efficiency, and lower fume emission rates than other flux cored wire. It is optimised for use with 100% CO₂ shielding but works well with 75% Argon/25% CO₂ and 80% Argon/20% CO₂ mixes. Among the outstanding features of Dual Shield 7100S are a very wide operating window, excellent feedability and arc starting characteristics, attractive weld appearance, a thin easily removed slag, and welds that are virtually spatter free. Dual Shield 7100S has been designed for general-purpose use but has particular applications in shipyard welding where high efficiency and versatile operation are most important. It may be used in a variety of other applications including railcar, automotive, heavy equipment, and general structural steel fabrication. It is especially recommended in applications where reduction of welding fume is important.

Welding Current

DC (+)

Shielding Gas

CO₂ or Argon/ CO₂

PACKING/ORDERING INFORMATION			
Part Number	Dia (mm)	Carton Weight (kg)	Pallet Weight (kg)
35RS122470	1.2	15	945
35RS162470	1.6	15	945
VacPac			
35RS12247V	1.2	15	945
35RS16247V	1.6	15	945

CLASSIFICATIONS	APPROVALS	TYPICAL ALL WELD METAL COMPOSITION (%)		TYPICAL MECH. PROPERTIES ALL WELD METAL		
		Gas	CO ₂	Yield Stress, Mpa		
<u>SFA/AWS A5.20</u> E71T-1 <u>EN 758</u> T42 2 P C 1 H10	ABS	2SA, 2YSA	H10	C	0.04	515
	LR	2S, 2YS	H15	Mn	1.41	575
	DNV	IIYMS	(H10)	Si	0.55	30
	BV	SA2YM	HH	P	0.015	
	GL	2YH10S		S	0.012	
	RINA	2YH10				
	NK	KSW 52G (C)	H10			
	KR	RSW 51G/52G	HH			
	CCS					

