

# ES EA4

SAW  
S3Mo

**ESWECO**  
*The Art of Welding*

## Description

ES EA4 is a manganese-alloyed, copper coated wire for the submerged arc welding of medium- and high-strength structural steels. ES EA4 should preferably be used together with non-alloying or slightly alloying fluxes, such as ES FLUX 161, when high weld metal quality requirements must be met.

ES EA4 Submerged arc welding wire (SAW) for joining fine grain and high temperature resistant steels, structural steels, steels for shipbuilding, steels for pressure vessels, production of steel pipes up to grade X80, high-strength steels, etc.

ES EA4 can be combined with ES FLUX 161, ES FLUX 171 and ES FLUX 900.

## Classifications

SFA/AWS A5.23	EA4
EN 756	S3Mo
EN 12070	S MnMo

## Typical all weld metal composition, %

C	Si	Mn	Mo
0.1	0.15	1.5	0.5

## Classifications

FLUX + WIRE	AWS	EN
ES FLUX 161	F8A6-EA4-A4/F8P6-EA4-A4	S 50 4 FB S3Mo
ES FLUX 171	F8A4-EA4-A4/F8P2-EA4-A4	S 50 3 AB S3Mo
ES FLUX 900	-	S 50 3 AB S3Mo