

### Standards

TS EN ISO 14171-A	: S3 Mo
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AWS A5.23	: EA4

### Chemical Composition of Welding Wire % (Typical)

C	Si	Mn	Mo	Cu
0.10	0.15	1.50	0.50	<0.30 <sup>1</sup>

<sup>1</sup>:copper-plated

### Mechanical Properties

Sumerged Arc Flux	AWSA5.23	Yield Strength (N/mm <sup>2</sup> )	Tensile Strength (N/mm <sup>2</sup> )	Elongation ((Lo=5do) (%)	Impact Strength ISO-V(J)	
					0°C	-40°C
ELIFLUX BFF	F8 A4-EA4-A4	540	630	27	110	65
ELIFLUX PIPE	F8 A4-EA4-A4	530	620	25	100	50

### Chemical Composition of Weld Metal - % ( Typical)

Sumerged Arc Flux	C	Si	Mn	Mo
ELIFLUX BFF	0.07	0.50	1.75	0.50
ELIFLUX PIPE	0.06	0.40	1.60	0.45

### Typical Base Material Grades

- Fine-grained Steels : S460N, P460N

### Features and Applications

- Suitability to high-quality welding of Mo-alloyed steels, boiler sheet steels, and fine-grained steels

### Operating Data

Product Code	Diameter (mm) / (inch)		Weight (Kg)	Package Type
3010400176	2.4	3/32	25	K 435
3010400178	4.0	5/32	25	*BIG PACK

**Approvals:** S3 Mo: TSE, CE, GOST-R, SEPRO

\* Packaging alternatives according to the order; 30 - 350 - 550 - 1000 Kg