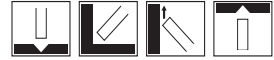


### Ferex 7016



AWS A/SFA 5.5-96 E7016-G-H8  
 EN 499 E 42 5 B 12 H5  
 EN ISO 2560-A E 42 5 B 12 H5

#### Description and applications

Ferex 7016 is an all-positional, thinly coated, basic electrode. It has been designed to give excellent Charpy toughness down to -40°C as well as good COD test values.

#### Approvals

ABS : 3H10, 3Y	DNV : 3 YH10	MOD : MS >25mm,
BV : 3, 3YH	LR : 3, 3Y H15	(Navy) B & BX >12mm
TÜV : 03861	DB : 10.040.01	
CE EN 13479		

#### All-weld metal properties

Chemical Composition

	All weld metal %	
	Min	Max
C	0.03	0.08
Si	0.25	0.50
Mn	1.40	1.80
S		0.02
P		0.02
Cr		0.10
Ni		0.10
Mo		0.10
V		0.08

#### Mechanical

YS  
 UTS  
 Elongation

#### As-welded

420 min	N/mm <sup>2</sup>
530-640	N/mm <sup>2</sup>
25 min	%
Charpy V impact values at -50°C	47 min ave J

#### Comments

Sulphur + Phosphorus < 0.035%

**Current range** AC (min OCV 60) or DC +/- (DC preferred)

Size (mm)	2.5	3.2	4.0	5.0
Current (amps)	60-90	70-140	110-180	160-250