

# FN 76

**International Standards:**

AWS SFA-5.1: E 7016  
 DIN 1913 : E 51 43 B (R) 10  
 DIN EN 499 : E 38 2 B 12 H 10

**Application & Properties:**

FONTA FN 76 is a low hydrogen electrode used for welding heavy duty steel structures and plates. This electrode provides excellent arc stability and produces X-ray quality weld deposits with higher crack resistance. FONTA FN 76 yields a beautiful bead appearance with easy slag removability.

**Aplikasi dan Penggunaan:**

FONTA FN 76 adalah kawat las kelas high tensile untuk pengelasan konstruksi berat dan pelat baja. Kestabilan nyala apinya sangat baik dan hasil lasnya memiliki kualitas X-ray. Alur lasnya sangat baik dan pelepasan teraknya sangat mudah.

**Typical Chemical Analysis of Deposited Metal (%) :**

C	Mn	Si
0,06	0,9	0,5

**Typical Mechanical Properties of Deposited Metal :**

Yield Strength (N/mm <sup>2</sup> )	Tensile Strength (N/mm <sup>2</sup> )	Elongation (%)	Impact Value (Joule)	
			+20°C	-20°C
470 - 500	550 - 590	> 22	150	80

**Size & Recommended Current Range (DC and AC) :**

Size (mm)	2,5 x 350	3,25 x 350	4,0 x 400	5,0 x 400
Amperages (Amp)	60 - 90	95 - 150	140 - 190	190 - 250
Weight / pack (kgs)	4,5	4,5	5	5
Weight / carton (kgs)	18	18	20	20

**Attention!**  
 Redrying: 200°C / 2h

Manufactured by:

**PT. Lion Superior Electrodes**

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