

# EZ - MIG AlMg4,5Mn

## CLASSIFICATION

HRN EN ISO 18273	AWS / ASME SFA-5.10	W. Nr.
S Al 5183 / AlMg4,5Mn0,7(A)	ER5183	3.3548

## DESCRIPTION AND APPLICATION

Aluminum solid wire for gas metal arc welding alloyed with approx. 4,8% Mg and 0,7% Mn. It is suitable for welding Al-Mg-Mn and Al-Mg alloys. High strength weld metal and good impact properties enable it's wide rane of application in welding aluminum structures. Weld metal has an good corrosion in marine atmosphere.

## MECHANICAL PROPERTIES OF THE ALL-WELD METAL

R <sub>p0.2</sub> N/mm <sup>2</sup>	R <sub>m</sub> N/mm <sup>2</sup>	A <sub>5</sub> %
140	280	> 24

## APPROXIMATE CHEMICAL COMPOSITION OF THE WIRE

	Al	Mg	Mn	Si	Fe
%	bal.	4,8	0,7	0,1	0,2

## SHIELDING GAS

I1 (Ar)

## PACKAGING

Wire diameter mm	Winding
0,8; 1,0; 1,2; 1,6; 2,0	Precision-wound (S-S)

5 kg i 7 kg - plastic or wire spool (wire diameter žice 0,8 mm)

7 kg - plastic or wire spool (wire diameter 1,0; 1,2; 1,6; 2,0 mm)

