


## AlMg5

<b>CATEGORY</b>	GMAW-GTAW Solid wires																																					
<b>TYPE</b>	Mig filler metal for welding Aluminium Magnesium alloys.																																					
<b>APPLICATIONS</b>	Filler metal for welding Aluminium alloys with maximum 5% Magnesium. This Magnesium alloyed Aluminium wire, thanks to its excellent corrosion resistance and its high mechanical properties is mainly used in ship yards, car and railway industry. Thicker sections should be preheated (150°C) prior to welding.																																					
<b>PROPERTIES</b>	Excellent weldability and good mechanical strength combined with good corrosion resistance are typical for this alloy. The weld deposit is free from porosity due to the special shaving process and cleaning method during production. AlMg5 is one of the most popular types within the range of aluminum alloys and covers a weight range of alloys.																																					
<b>CLASSIFICATION</b>	AWS	A 5.10: ER 5356																																				
	EN ISO	18273: S Al5356-AlMg5Cr A																																				
	DIN: W.Nr.	3.3556																																				
	DIN	1732: SG-AlMg5																																				
<b>SUITABLE FOR</b>	Aluminium alloys: AlMg3, AlMg4, AlMg5, AlMgMn, AlZnMg1, G-AlMg3Si, G-AlMg5Si, G-AlMg10, AlMg1SiCu, AlMgSi0,7, AlZn4,5Mg1, AlSi1MgMn, AlSiMg(A), 3.3545, 3.3206, 3.3210, 3.2315, 3.3211, 3.4335, EN AW 5086, EN AW 6060, EN AW 6005A, EN AW , EN AW 6061, EN AW 7020, EN AC 51400, EN AC 51300, EN AC 51100, EN AW 5454																																					
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<b>REDRYING TEMPERATURE</b>	not required																																					
<b>GAS ACC. EN ISO 14175:</b>	I1, I3																																					