



HSM Wire International, Inc

Ph: 330-244-8501 Fax: 330-244-8561

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Aluminum & Alloys Tradenames

Series 1000 Alloys (Strain-hardening) Non alloyed Aluminum

AA	World	Europe	France		Germany		USA
Alloy n°	ISO	EN 573	NFA	Old	DIN	WNR	ASTM
1050A	Al99, 5	AW-Al99, 5	1050A	A5	Al99, 5	3.0255	1050A
1060	Al99, 6	AW-Al99, 6	-	-	-	-	-
1070A	Al99, 7	AW-Al99, 7	1070A	-	Al99, 7	3.0275	1070A
1080A	Al99, 8	AW-Al99, 8	1080A	A8	Al99, 8	3.0285	1080A
1085	Al99, 85	AW-Al99, 85	-	-	-	-	-
1090	Al99, 9	AW-Al99, 9	-	-	-	-	-
1098	Al99, 98	AW-Al99, 98	1098	-	-	-	-
1100	Al99, 0Cu	AW-Al99Cu	1100	-	-	-	1100
1198	Al99, 98A	AW-Al99, 98A	-	-	-	-	-
1199	Al99, 99	AW-Al99, 99	1199	-	-	-	1199
1200	Al99, 0	AW-Al99, 0	1200	A4	Al99	3.0205	1200
1200A	Al99, 0A	AW-Al99,0(A)	1200A	-	-	-	-
1235	Al99, 35	AW-Al99, 35	1235	-	-	-	-
1350	EAl99, 5	AW-EAl99, 5	-	-	-	-	-
1350A	EAl99, 5A	AW-EAl99, 5(A)	-	-	-	-	-
1370	EAl99, 7	AW-EAl99, 7	-	-	-	-	-
1450	Al99, 5Ti	AW-Al99, 5Ti	-	-	-	-	-

Series 2000 Alloys (age hardening) Aluminum Copper Alloys

AA	World	Europe	France		Germany		USA
Alloy n°	ISO	EN 573	NFA	Old	DIN	WNR	ASTM
2001	AlCu5,5MgMn	AW-AlCu5,5MgMn	2001	-	-	-	2001
2007	AlCu4PbMgMn	AW-AlCu4PbMgMn	-	-	AlCuMgPb	3.1645	-
2011	AlCu6BiPb	AW-AlCu6BiPb	2011	AU5PbBi	AlCuBiPb	3.1655	2011
2011A	AlCu6BiPb(A)	AW-AlCu6BiPb(A)	2011A	-	-	-	-
2014	AlCu4SiMg	AW-AlCu4SiMg	2014	AU4SG	AlCuSiMn	3.1255	2015
2014A	AlCu4SiMg(A)	AW-AlCu4SiMg(A)	2014A	-	-	-	-
2017A	AlCu4MgSi	AW-AlCu4MgSi	2017A	AU4G	AlCuMg1	3.1325	2017A
2024	AlCu4Mg1	AW-AlCu4Mg1	2024	AU4G1	AlCuMg2	3.1355	2024
2030	AlCu4PbMg	AW-AlCu4PbMg	2030	AU4PB	AlCuMgPb	3.1645	2030
2031	AlCu2,5NiMg	AW-AlCu2,5NiMg	-	-	-	-	-
2091	AlCu2LiMg1,5	AW-AlCu2LiMg1,5	-	-	-	-	-
2117	AlCu2,5Mg	AW-AlCu2,5Mg	2117	AU2G	AlCu2,5Mg0,5	3.1305	2117
2124	AlCu4Mg1(A)	AW-AlCu4Mg1(A)	-	-	-	-	-
2214	AlCu4SiMg(B)	AW-AlCu4SiMg(B)	2214	A7U4SG	-	-	-
2219	AlCu6Mn	AW-AlCu6Mn	2219	-	-	-	-
2319	AlCu6Mn(A)	AW-AlCu6Mn(A)	-	-	-	-	-
2618A	AlCu2Mg1,5Ni	AW-AlCu2Mg1,5Ni	2618B	AU2GN	AlCu2MgSi	3.1924	2618A

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Aluminum & Alloys Tradenames

Series 3000 Alloys (Strain-hardening) Aluminum-Maganese Alloys

AA	World	Europe	France		Germany		USA
Alloy n°	ISO	EN 573	NFA	Old	DIN	WNR	ASTM
3002	AlMn0,2Mg0,1	AW-AlMn0,2Mg0,1	-	-	-	-	-
3003	AlMn1Cu	AW-AlMn1Cu	3003	AM1	AlMnCu	3.0517	3003
3004	AlMn1Mg1	AW-AlMn1Mg1	3004	AMG1	AlMn1Mg1	3.0526	3004
3005	AlMn1Mg0,5	AW-AlMn1Mg0,5	3005	AMG0,5	AlMn1Mg0,5	3.0525	3005
3017	AlMn1Cu0,3	AW-AlMn1Cu0,3	-	-	-	-	-
3102	AlMn0,2	AW-AlMn0,2	-	-	-	-	-
3103	AlMn1	AW-AlMn1	-	-	AlMn1	2.0515	3103
3103A	AlMn1(A)	AW-AlMn1(A)	-	-	-	-	-
3104	AlMn1Mg1Cu	AW-AlMn1Mg1Cu	-	-	-	-	-
3105	AlMg0,5Mn0,5	AW-AlMg0,5Mn0,5	3105	-	Almn0,5Mg0,5	3.0505	3105
3105A	AlMg0,5Mn0,5(A)	AW-AlMg0,5Mn0,5(A)	-	-	-	-	-
3207	AlMn0,6	AW-AlMn0,6	-	-	-	-	-
3207A	AlMn0,6(A)	AW-AlMn0,6(A)	-	-	-	-	-

Series 4000 Alloys (age hardening) Aluminum-Silicium Alloys

AA	World	Europe	France		Germany		USA
Alloy n°	ISO	EN 573	NFA	Old	DIN	WNR	ASTM
4004	AlSi10Mg1,5	AW-AlSi10Mg1,5	-	-	-	-	-
4006	AlSiFe	AW-AlSiFe	4006	-	-	-	4006
4007	AlSi1,5Mn	AW-AlSi1,5Mn	4007	-	-	-	4007
4014	AlSi2	AW-AlSi2	-	-	-	-	-
4015	AlSi2Mn	AW-AlSi2Mn	-	-	-	-	-
4032	AlSi12,5MgCuNi	AW-AlSi12,5MgCuNi	4032	AS12UN	-	-	4032
4043A	AlSi5(A)	AW-AlSi5(A)	4043	-	S-AlSi5	3.2245	4043
4045	AlSi10	AW-AlSi10	-	-	-	-	-
4046	AlSi10Mg	AW-AlSi10Mg	-	-	-	-	-
4047A	AlSi12(A)	AW-AlSi12(A)	4047A	-	S-AlSi12	3.2585	4047A
4104	AlSi10MgBi	AW-AlSi10MgBi	-	-	-	-	-
4343	AlSi7,5	AW-AlSi7,5	-	-	-	-	-

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Series 5000 Alloys (Strain-hardening) Aluminum-Magnesium Alloys

AA	World	Europe	France		Germany		USA
Alloy n°	ISO	EN 573	NFA	Old	DIN	WNR	ASTM
5005	AlMg1(B)	AW-AlMg1(B)	5005	AG0,6	AlMg1	3.3315	5005
5005A	AlMg1(C)	AW-AlMg1(C)	5005A	-	-	-	5005A
5010	AlMg0,5Mn	AW-AlMg0,5Mn	-	-	-	-	-
5018	AlMg3Mn0,4	AW-AlMg3Mn0,4	-	-	-	-	-
5019	AlMg5	AlMg5	5019	-	-	-	5019



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Series 5000 Alloys (Strain-hardening) Aluminum-Magnesium Alloys

AA	World	Europe	France		Germany		USA
Alloy n°	ISO	EN 573	NFA	Old	DIN	WNR	ASTM
5040	AlMg1,5Mn	AW-AlMg1,5Mn	-	-	-	-	-
5042	AlMg3,5Mn	AW-AlMg3,5Mn	-	-	-	-	-
5049	AlMg2Mn0,8	AW-AlMg2Mn0,8	5049	-	AlMg2Mn0,8	3.3527	5049
5050	AlMg1,5(C)	AW-AlMg1,5(C)	5050	AG1	AlMg1,5	3.3316	5050
5050A	AlMg1,5(D)	AW-AlMg1,5(D)	-	-	-	-	-
5051A	AlMg2(B)	AW-AlMg2(B)	-	-	-	-	-
5052	AlMg2,5	AW-AlMg2,5	5052	AG2,5C	AlMg2,5	3.3523	5052
5058	AlMg5Pb1,5	AW-AlMg5Pb1,5	-	-	-	-	-
5082	AlMg4,5	AW-AlMg4,5	5082	AG4,5	AlMg4,5	3.3345	5082
5083	AlMg4,5Mn0,7	AW-AlMg4,5Mn0,7	5083	AG4,5MC	AlMg4,5Mn	3.3547	5083
5086	AlMg4	AW-AlMg4	5086	AG4MC	-	3.3545	5086
5087	AlMg4,5MnZr	AW-AlMg4,5MnZr	-	-	-	-	-
5110	Al99,85Mg0,5	AW-Al99,85Mg0,5	-	-	-	-	-
5119	AlMg5(A)	AW-AlMg5(A)	-	-	-	-	-
5149	AlMg2Mn0,8(A)	AW-AlMg2Mn0,8(A)	-	-	-	-	-
5154A	AlMg3,5(A)	AW-AlMg3,5(A)	5154A	AG3	-	-	5154A
5154B	AlMg3,5Mn0,3	AW-AlMg3,5Mn0,3	-	-	-	-	-
5182	AlMg4,5Mn0,4	AW-AlMg4,5Mn0,4	5182	-	AlMg5Mn	3.3549	5182
5183	AlMg4,5Mn0,7	AW-AlMg4,5Mn0,7	5183	-	S-AlMg4,5Mn	3.3548	5183
5210	Al99,9Mg0,5	AW-Al99,9Mg0,5	-	-	-	-	-
5249	AlMg2Mn0,8Zr	AW-AlMg2Mn0,8Zr	-	-	-	-	-
5251	AlMg2	AW-AlMg2	5251	AG2M	AlMg2Mn0,3	3.3525	5251
5252	AlMg2,5(B)	AW-AlMg2,5(B)	-	-	-	-	-
5283A	AlMg4,5Mn0,7(B)	AlMg4,5Mn0,7(B)	-	-	-	-	-
5305	Al99,85Mg1	AW-Al99,85Mg1	-	-	-	-	-
5310	Al99,98Mg0,5	AW-Al99,98Mg0,5	-	-	-	-	-
5352	AlMg2,5(A)	AW-AlMg2,5(A)	-	-	-	-	-
5354	AlMg2,5MnZr	AW-AlMg2,5MnZr	-	-	-	-	-
5356	AlMg5Cr(A)	AW-AlMg5Cr(A)	5356	-	S-AlMg5	3.3556	5356
5454	AlMg3Mn	AW-AlMg3Mn	5454	AG2,5MC	AlMg2,7Mn	3.3537	5454
5456A	AlMg5Mn1(A)	AW-AlMg5Mn1(A)	-	-	-	-	-
5505	Al99,9Mg1	AW-Al99,9Mg1	-	-	-	-	-
5554	AlMg3Mn(A)	AW-AlMg3Mn(A)	-	-	-	-	-
5556A	AlMg5Mn	AW-AlMg5Mn	-	-	-	-	-
5605	Al99,98Mg1	AW-Al99,98Mg1	-	-	-	-	-
5654	AlMg3,5Cr	AW-AlMg3,5Cr	-	-	-	-	-
5657	Al99,85Mg1(A)	AW-Al99,85Mg1(A)	-	-	-	-	-
5754	AlMg3	AW-AlMg3	5754	AG3M	AlMg3	3.3535	5754

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Series 6000 Alloys (age hardening) Aluminum-Magnesium-Silicium Alloys

AA	World	Europe	France		Germany		USA
Alloy n°	ISO	EN 573	NFA	Old	DIN	WNR	ASTM
6003	AlMg1Si0,8	AW-AlMg1Si0,8	-	-	-	-	-
6005	AlSiMg	AW-AlSiMg	6005	-	-	-	6005
6005A	AlSiMg(A)	AW-AlSiMg(A)	6005A	AGS0,5	AlMgSi0,7	3.321	6005A
6005B	AlSiMg(B)	AW-AlSiMg(B)	-	-	-	-	-
6011	AlSi0,9Mg0,9Cu	AW-AlSi0,9Mg0,9Cu	-	-	-	-	-
6012	AlMgSiPb	AW-AlMgSiPb	-	-	-	-	-
6013	AlMg1Si0,8CuMn	AW-AlMg1Si0,8CuMn	-	-	-	-	-
6015	AlMg1Si0,3Cu	AW-AlMg1Si0,3Cu	-	-	-	-	-
6018	AlMg1SiPbMn	AW-AlMg1SiPbMn	-	-	-	-	-
6056	AlSiMgCuMn	AW-AlSiMgCuMn	-	-	-	-	-
6060	AlMgSi	AW-AlMgSi	6060	AGS	AlMgSi0,5	3.3206	6060
6061	AlMg1SiCu	AW-AlMg1SiCu	6061	AGSUC	AlMg1SiCu	3.3211	6061
6061A	AlMg1SiCu(A)	AW-AlMg1SiCu(A)	-	-	-	-	-
6063	AlMg0,7Si	AW-AlMg0,7Si	-	-	-	-	-
6063A	AlMg0,7Si(A)	AW-AlMg0,7Si(A)	-	-	-	-	-
6081	AlSi0,9MgMn	AW-AlSi0,9MgMn	6081	-	-	-	6081
6082	AlMgSiMn	AW-AlMgSiMn	6082	AGSM0,7	AlMgSi1	3.2315	6082
6082A	AlMgSiMn(A)	AW-AlMgSiMn(A)	-	-	-	-	-
6101	EAlMgSi	AW-EAlMgSi	-	AGSL	-	-	-
6101A	EAlMgSi(A)	AW-EAlMgSi(A)	-	-	-	-	-
6101B	EAlMgSi(B)	AW-EAlMgSi(B)	-	-	-	-	-
6106	AlSiMgMn	AW-AlSiMgMn	-	-	-	-	6106
6181	AlSi1Mg0,8	AW-AlSi1Mg0,8	6181	-	-	-	6181
6201	EAlMg0,7Si	AW-EAlMg0,7Si	-	-	-	-	-
6261	AlMg1SiCuMn	AW-AlMg1SiCuMn	-	-	-	-	-
6262	AlMgSiPb	AW-AlMgSiPb	6262	-	-	-	6262
6351	AlSi1Mg0,5Mn	AW-AlSi1Mg0,5Mn	-	-	-	-	-
6351A	AlSi1Mg0,5Mn(A)	AW-AlSi1Mg0,5Mn(A)	-	-	-	-	-
6401	Al99,9MgSi	AW-Al99,9MgSi	-	-	-	-	-
6463	AlMg0,7Si(B)	AW-AlMg0,7Si(B)	-	-	-	-	-
6951	AlMgSi0,3Cu	AW-AlMgSi0,3Cu	-	-	-	-	-

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Series 7000 Alloys (age hardening) Aluminum-Zinc Alloys

AA	World	Europe	France		Germany		USA
Alloy n°	ISO	EN 573	NFA	Old	DIN	WNR	ASTM
7003	AlZn6Mg0,8Zr	AW-AlZn6Mg0,8Zr	-	-	-	-	-
7005	AlZn4,5Mg1,5Mn	AW-AlZn4,5Mg1,5Mn	-	-	-	-	-
7009	AlZn5,5MgCuAg	AW-AlZn5,5MgCuAg	-	-	-	-	-
7010	AlZn6MgCu	AW-AlZn6MgCu	-	-	-	-	-
7012	AlZn6Mg2Cu	AW-AlZn6Mg2Cu	-	-	-	-	-
7015	AlZn5Mg1,5CuZr	AW-AlZn5Mg1,5CuZr	-	-	-	-	-
7016	AlZn4,5Mg1Cu	AW-AlZn4,5Mg1Cu	-	-	-	-	-
7020	AlZn4,5Mg1	AW-AlZn4,5Mg1	7020	AZ5G	AlZn4,5Mg1	3.4335	7020
7021	AlZn5,5Mg1,5	AW-AlZn5,5Mg1,5	-	-	-	-	-
7022	AlZn5Mg3Cu	AW-AlZn5Mg3Cu	-	-	-	-	7022
7026	AlZn5Mg1,5Cu	AW-AlZn5Mg1,5Cu	-	-	-	-	-
7029	AlZn4,5Mg1,5Cu	AW-AlZn4,5Mg1,5Cu	-	-	-	-	-
7030	AlZn5,5Mg1Cu	AW-AlZn5,5Mg1Cu	-	-	-	-	-
7039	AlZn4Mg3	AW-AlZn4Mg3	-	-	-	-	-
7049A	AlZn8MgCu	AW-AlZn8MgCu	7049A	AZ8GU	-	-	-
7050	AlZn6CuMgZr	AW-AlZn6CuMgZr	7050	-	AlZn6CuMgZr	3.4144	7050
7060	AlZn7CuMg	AW-AlZn7CuMg	-	-	-	-	-
7072	AlZn1	AW-AlZn1	7072	-	AlZn1	3.4415	7072
7075	AlZn5,5MgCu	AW-AlZn5,5MgCu	7075	AZ5GU	AlZnMgCu1,5	3.4365	7075
7108	AlZn5Mg1Cr	AW-AlZn5Mg1Cr	-	-	-	-	-
7116	AlZn4,5Mg1Cu0,8	AW-AlZn4,5Mg1Cu0,8	-	-	-	-	-
7129	AlZn4,5Mg1,5Cu	AW-AlZn4,5Mg1,5Cu	-	-	-	-	-
7149	AlZn8MgCu(A)	AW-AlZn8MgCu(A)	-	-	-	-	-
7150	AlZn6CuMgZr	AW-AlZn6CuMgZr	-	-	-	-	-
7175	AlZn5.5MgCu(B)	AW-AlZn5.5MgCu(B)	7175	-	-	-	7175
7178	AlZn7MgCu	AW-AlZn7MgCu	-	-	-	-	-
7475	AlZn5,5MgCu(A)	AW-AlZn5,5MgCu(A)	7475	-	-	-	7475

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Series 8000 Alloys (strain- hardening) Other Aluminum Alloys

AA	World	Europe	France		Germany		USA
Alloy n°	ISO	EN 573	NFA	Old	DIN	WNR	ASTM
8006	AlFe1,5Mn	AW-AlFe1,5Mn	-	-	-	-	-
8008	AlFe1Mn0,8	Aw-AlFe1Mn0,8	-	-	-	-	-
8011A	AlFeSi(A)	AW-AlFeSi(A)	8011A	-	AlFeSi	3.0915	8011
8014	AlFe1,5Mn0,4	AW-AlFe1,5Mn0,4	-	-	-	-	-
8016	AlFe1Mn	AW-AlFe1Mn	-	-	-	-	-
8018	AlFeSiCu	AW-AlFeSiCu	-	-	-	-	-
8079	AlFe1Si	AW-AlFe1Si	-	-	-	-	-
8090	AlLi2,5Cu1,5Mg1	AW-AlLi2,5Cu1,5Mg1	-	-	-	-	-
8111	AlFeSi(B)	AW-AlFeSi(B)	-	-	-	-	-
8112	Al95	AW-Al95	-	-	-	-	-
8211	AlFeSi(C)	AW-AlFeSi(C)	-	-	-	-	-

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