

Alambres de aluminio

Aluminum wire



Novametal provide a full range of aluminium and alloy wire grades and diameters for multiple applications such as rivets, studs, screws, nuts and cold forming. With over 25 years of experience in drawing aluminium we guarantee to our customers a product produced from the finest quality raw material and to the highest standards possible in order to provide:

Free defect surface wire

Superior performance even in the utmost demanding processes

Customized packing formats

ISO9001 certified quality management system for full material traceability

Diámetros / diameters

Estándar de 0.80 mm a 8.00 mm
Standard
from 0.80 mm a 8.00 mm

Diámetros mayores o menores disponibles sobre pedido
Larger/smaller diameters available on request

Producto disponible / Product availability

AL	W.Nr.	EN 573-3
NM 1050	3.0255	1050A (Al99.5)
NM 5019	3.3555	5019 (AlMg5)
NM 5005	3.3315	5005(AlMg1)
NM 5051	3.3326	5051A(AlMg2)
NM 5052	3.3523	5052(AlMg2.5)
NM 5082	3.3345	5082 (AlMg4.5)
NM 5154	3.3536	5154B(AlMg3.5Mn0.3)
NM 5754 M	3.3535	5754(AlMg3)
NM 6101	3.3207	6101(AlMgSi)
NM 6082	3.2315	6082A (AlSi1MgMn(A))
NM 1080	3.0286	1080A (Al99.8)

Acabados superficiales / Surface finishes

Brillante
White annealed

Propiedades mecánicas / mechanical properties

Novametal	USA-F	JK	D
Recocido Annealed	0	0	.10
1/4 Crudo 1/4 Hard	H12 (H22 to H32)	H2	.24
Semicrudo Half hard	H14 (H24 to H32)	H4	.26
3/4 Crudo 3/4 Hard	H16 (H26 to H36)	H6	.28
Estirado en frío Hard drawn	H18 (H28 to H 38)	H6	.30

Aleaciones y composición química / grades and chemical composition

AL	Si	FE	CU	MN	MG	CR	Zn	Ti	Al	Others
NM 1050	0.25 max	0.40 max	0.05 max	0.05 max	0.05 max	-	0.07 max	0.05 max	99.50 min	-
NM 5019	0.15 max	0.30 max	0.05 max	0.10 to 0.16	4.50 to 5.00	0.05 to 0.15	0.10 max	0.05 max	-	-
NM 5005	0.30 max	0.70 max	0.20 max	0.20 max	0.50 to 1.10	0.10 max	0.25 max	-	-	-
NM 5051	0.25 max	0.35 max	0.05 max	0.20 max	1.80 to 2.10	0.10 max	0.10 max	0.05 max	-	-
NM 5052	0.20 max	0.35 max	0.05 max	0.10 max	2.20 to 2.80	0.15 to 0.30	0.10 max	0.05 max	-	-
NM 5082	0.15 max	0.30 max	0.05 max	0.10 max	4.20 to 4.80	0.10 max	0.10 max	0.05 max	-	-
NM 5154	0.15 max	0.35 max	0.10 max	0.20 to 0.40	3.10 to 3.70	0.10 max	0.10 max	0.05 max	-	-
NM 5754 M	0.15 max	0.30 max	0.05 max	0.20 to 0.35	2.70 to 3.30	0.15 max	0.10 max	0.05 max	-	-
NM 6101	0.50 to 0.60	0.30 max	0.05 max	0.05	0.45 to 0.55	0.05 max	0.05 max	0.05 max	-	B 0.06 max
NM 6082	0.90 to 1.10	0.30 max	0.10 max	0.04 to 0.06	0.90 to 1.20	0.10 max	0.10 max	0.05 max	-	P0.003 max
NM 1080	0.15 max	0.15 max	0.03 max	0.02 max	0.02 max	-	0.06 max	0.02 max	99.80 min	Ga 0.03 max

Otras medidas, calidades y empaques están disponibles bajo solicitud / Other sizes, qualities and packaging are available upon request

Tipos de empaque / Packing types

Rollo / coil



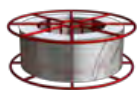
Diameter	2.00 to 6.50
Weight (kg)	20 to 50
Inner (mm)	560

Atril metálico / Spider



Diameter	2.00 to 6.50
Weight (kg)	1.50 to 300
Inner (mm)	-

Cesta de alambre / Wire basket



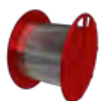
Diameter	0.80 to 2.40
Weight (kg)	7 max

Rollo con centro de cartón / Cardboard coil (z2)



Diameter (mm)	1.90 to 5.50	1.90 to 6.50
Weight (kg)	100 to 200	200 to 300
Ø int. mm	380	500

Carrete metálico 760 / Steel reel k760



Diameter	0.80 to 2.70
Weight (kg)	50 to 100

Este producto es ideal para las siguientes industrias / This product is ideal for the following industries

