

ALUMINIUM WIRE ROD**PRODUCT DESCRIPTION**

Obtained by continuous casting and rolling process
Composition: aluminium 99.7% and 99.5%

STANDARD PACKAGING

Weight: 1800 - 2100 kg
Inner diameter: 54.00 cm
Outer diameter: 135.00 cm
Width: 87.00 cm
Option: coils are tightly strapped with composite strips on wooden pallets, eye to the wall/eye to the sky. Protective packaging is applied for long-distance shipments to pollution and weather conditions.

APPLICATION

Electrical products, steel deoxidizing

GENERAL INFORMATION

Complies with international standards: GOST 13843-78,
ASTM B233, EN 1715



Grade	Temper	Tolerance on nominal diameter, %	Typical nominal diameter, mm	Limited deviation in circularity, %	Mechanical properties			Electrical properties (temperature : 20 °C)	
					Tensile strength, Rm, Mpa		Elongation typical A 100 mm, %	Resistivity, $\mu\Omega\cdot\text{cm}$	Conductivity, % IACS
					min.	max.			
EN AW-1370 (Al 99,7)/EN AW-1350 (Al 99,5)									
EN AW-1370 (Al 99,7)/ EN AW-1350 (Al 99,5)	H11	±5	9,5	3	80	95	25	2,785	61,9
EN AW-1370 (Al 99,7)/ EN AW-1350 (Al 99,5)	H11	±5	12	3	80	95	25	2,785	61,9
EN AW-1370 (Al 99,7)/ EN AW-1350 (Al 99,5)	H11	±5	14	3	80	95	25	2,785	61,9
EN AW-1370 (Al 99,7)/ EN AW-1350 (Al 99,5)	H11	±5	19	3	80	95	25	2,785	61,9
EN AW-1370 (Al 99,7)/ EN AW-1350 (Al 99,5)	H12	±5	9,5	3	95	110	20	2,801	61,5
EN AW-1370 (Al 99,7)/ EN AW-1350 (Al 99,5)	H12	±5	12	3	95	110	20	2,801	61,5
EN AW-1370 (Al 99,7)/ EN AW-1350 (Al 99,5)	H12	±5	14	3	95	110	20	2,801	61,5
EN AW-1370 (Al 99,7)/ EN AW-1350 (Al 99,5)	H12	±5	19	3	95	110	20	2,801	61,5
EN AW-1370 (Al 99,7)/ EN AW-1350 (Al 99,5)	H13	±5	9,5	3	105	120	16	2,801	61,5
EN AW-1370 (Al 99,7)/ EN AW-1350 (Al 99,5)	H13	±5	12	3	105	120	16	2,801	61,5
EN AW-1370 (Al 99,7)/ EN AW-1350 (Al 99,5)	H13	±5	14	3	105	120	16	2,801	61,5
EN AW-1370 (Al 99,7)/ EN AW-1350 (Al 99,5)	H13	±5	19	3	105	120	16	2,801	61,5
EN AW-1370 (Al 99,7)/ EN AW-1350 (Al 99,5)	H14	±5	9,5	3	115	130	14	2,801	61,5
EN AW-1370 (Al 99,7)/ EN AW-1350 (Al 99,5)	H14	±5	12	3	115	130	14	2,801	61,5
EN AW-1370 (Al 99,7)/ EN AW-1350 (Al 99,5)	H14	±5	14	3	115	130	14	2,801	61,5
EN AW-1370 (Al 99,7)/ EN AW-1350 (Al 99,5)	H14	±5	19	3	115	130	14	2,801	61,5

Al, % min	The content of impurities, % max												Others	
	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Ga	V	B	Remarks	Each	Total
99,5	0,10	0,40	0,05	0,01	-	0,01	0,05	-	0,03	-	0,05	0,02V+Ti	0,03	0,10
99,7	0,10	0,25	0,02	0,01	0,02	0,01	0,04	-	0,03	-	0,02	0,02V+Ti	0,02	0,10