

## Aluminium hard drawn wire

**Specification:**  
BS 2627 and customer specification.

**Application:**  
Conductors, mechanical, television aerial, earthing and lightning protection.

**Construction:**  
Circular hard drawn aluminium wire.

Material properties		
Aluminium		
Grade	99.7 EC	
Density / Specific gravity (nominal)	g/cm <sup>3</sup>	2.7
Tensile strength (maximum)	Mpa	95
Conductivity	Min.	62.3
Volume resistivity @ 20°C	Ω.m	2.826x10 <sup>-8</sup>
Specific heat	KJ/kg/K	0.904
Melt point	°C	658

Chemical properties			
	Min. %	Nom. %	Max. %
Al	99.650	99.700	-
Si	-	-	0.100
Fe	0.160	0.220	0.280
B	0.003	0.005	0.020
Other	-	-	0.013

### Size range:

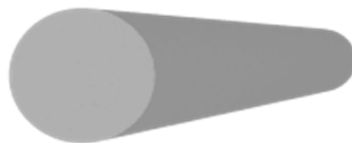
Smallest sizes 3.30mm to Largest sizes 9.00mm.

### Packaging:

Coils (minimum 5kg).

### Aluminium properties:

Tensile strength max.	Mpa	95
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