

ALUMINIUM & ALUMINIUM ALLOY  
CONDUCTOR & WIRE



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26 YEARS OF LOOKING FORWARD

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26 Years of Looking Forward

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Midal Cables is a success story born in 1977, conceived between Intersteel and Olex Cables.

It's aim was to evolve the degree of industrial self sufficiency in the Middle East by leading the way in manufacturing aluminium rod and electrical conductors. The seal of approval was given in 1978 when the factory and plant reached completion and the Prime Minister, Shaikh Khalifa bin Sulman Al Khalifa formally opened the premises.

From the outset Midal has stood by its company philosophy, "Setting Standards that others can follow". A philosophy that paid dividends, not only in its success, but also in forging strong relationships. Saudi Cables of Jeddah, a company that recognised the importance of this belief, became an equal partner in 1984 further strengthening Midals' commitment in the years that followed.

Aluminium Wire & Conductor

Midal Cables produces: Aluminium and Aluminium Alloy wires for electrical and mechanical applications; a comprehensive range of Aluminium, Aluminium Alloy and steel reinforced bare Conductors for overhead power transmission and distribution. All our products are manufactured to industrial specifications. Where ever required, Midal can work to individual client specifications whilst still maintaining the international standards that has built up the reputation of Midal.

After nearly 26 years of success Midal are still Looking Forward.



OTHER MIDAL CABLE  
KEY PRODUCTS  
ALUMINIUM & ALLOY REDRAW RODS



**AT THE FOREFRONT  
OF CONDUCTOR  
MANUFACTURING  
IN THE MIDDLE EAST**

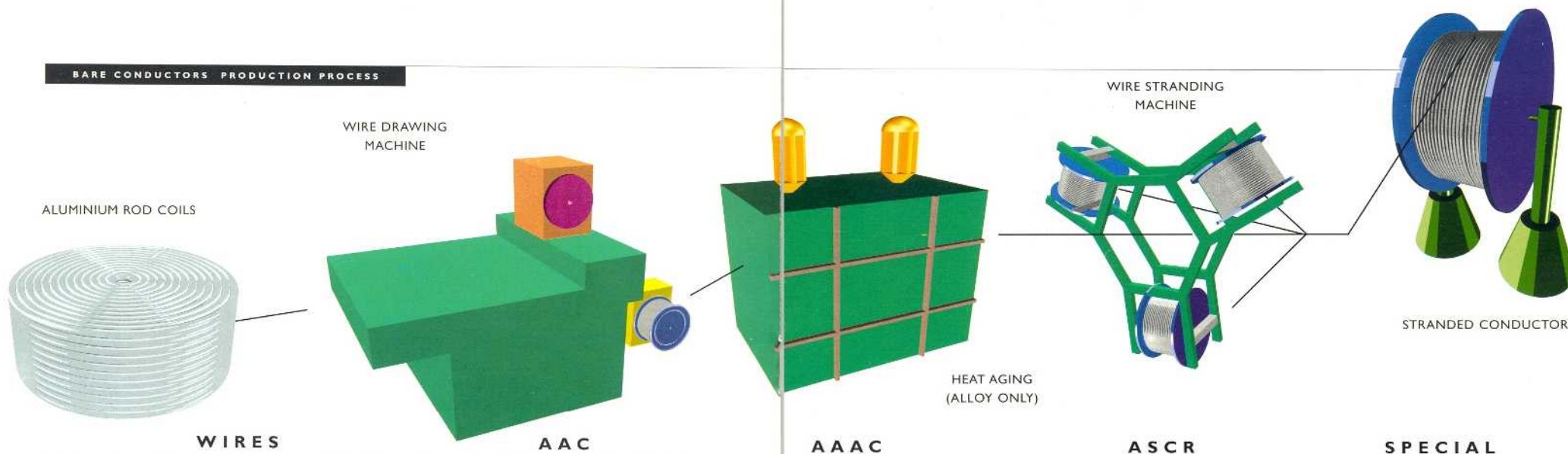
**SETTING STANDARDS OF QUALITY**

At Midal, "Quality" is the key word to its success. Since Midal's inception, a Quality Management System was established and practised in every activity of contracting according to the needs of the client, producing Conductors and Wires of international specifications and quality standard, delivering within the client's required time frame. This total quality management system has been continuously adapted to the growing needs of the international community of Utilities, Technical consultants and Inspection houses. Midal was the Pioneer in the Middle East region for obtaining an ISO 9001 certification for Rods, Wires and Conductors products.

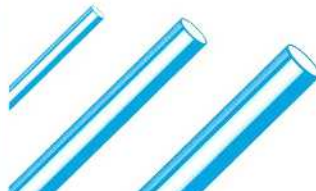
This system of control has brought Midal to be recognised internationally for its high quality products in an industry that is highly competitive. Midal continues to have this privilege of international recognition due to its firm belief that product quality is a vital factor in achieving long term success. This philosophy is paramount for Midal's Conductor products too in achieving yet another recognition internationally.



BARE CONDUCTORS PRODUCTION PROCESS



**WIRES FOR ELECTRICAL & MECHANICAL PURPOSES**




Aluminium and Aluminium Alloy drawn wires for Electrical Purposes.

**Midal Wires meets the following International Standard Specifications:**  
IEC, ASTM, BS, CSA, NFC, DIN, JIS, AS, SS etc.  
Designation:- 1350, 6101, 6201, 1120 & 5005  
Size:- 2.00mm to 5.00mm

Aluminium and Aluminium Alloy drawn wires for Mechanical and General Purposes.  
designations:- 1050, 1100, 5051, 5052, 5005 & 6063  
size:- 1.40mm to 5.00  
Coil Weight: 1 MT, Coil Height: 880mm, Coil ID: 600mm, Coil OD: 1200mm

**ALL ALUMINIUM CONDUCTOR**

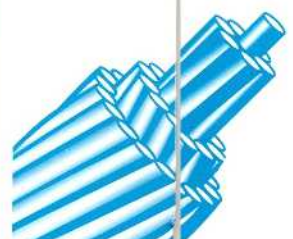


Concentric - Lay - Stranded Aluminium Conductors used for low, medium and high voltage overhead lines.

**Midal AAC meets the following International Standard Specifications:**  
IEC, ASTM, CSA, BS, NFC, DIN, JIS, AS, SS etc.

Range of Conductors:  
Section: 25 sq mm to 1000 sq. mm  
Diameter: 7mm to 50mm  
Compacted Circular: up to 630 sq. mm  
Compacted Sector: up to 500 sq. mm

**ALL ALUMINIUM ALLOY CONDUCTOR & ALUMINIUM CONDUCTOR ALLOY REINFORCED**



Concentric - Lay - Stranded Aluminium Alloy Conductors (AAAC) used for overhead medium voltage, high voltage and extra high voltage transmission lines.

**Midal AAAC meets the following International Standard Specifications:**  
IEC, ASTM, CSA, BS, NFC, DIN, JIS, AS, SS etc.

Range of Conductors:  
Section: 25 sq. mm to 1000 sq. mm  
Diameter: 7mm to 50 mm  
Compacted Circular Sector: up to 500 sq. mm  
Range of Conductivity: 52.5 to 59% IACS  
Range of Tensile Strength of Individual Wire: 385 to 240 Mpa

**ALUMINIUM CONDUCTOR, STEEL REINFORCED**




Concentric - Lay - Stranded Aluminium Conductors, Steel reinforced (ASCR) used for overhead medium voltage, high voltage and extra high voltage transmission lines..

**Midal ASCR meets the following International Standard Specifications:**  
IEC, ASTM, BS, NFC, DIN, JIS, AS, SS, etc.

The reinforced steel core of these conductors are zinc-coated or aluminium-clad.

Range of Conductors:  
Section: 25 sq mm to 1000 sq. mm  
Diameter: 7 mm to 50 mm

**SPECIAL CONDUCTORS**



Concentric - Lay - Stranded Aluminium Conductors, Aluminium Alloy Reinforced to international specifications.

AACSR Range of Conductors:  
Section: 25 sq mm to 1000 sq mm  
Diameter: 7 mm to 50 mm

Concentric - Lay - Stranded Aluminium Alloy Conductors Steel Reinforced to international specifications.

Range of Conductors:  
Section: 25 sq mm to 1000 sq mm  
Diameter: 7 mm to 50 mm

The Reinforced Steel core of these Conductors are zinc coated or aluminium clad in accordance with customers requirements

Compacted ASCR, Compacted ACAR, Compacted AACSR on special request.