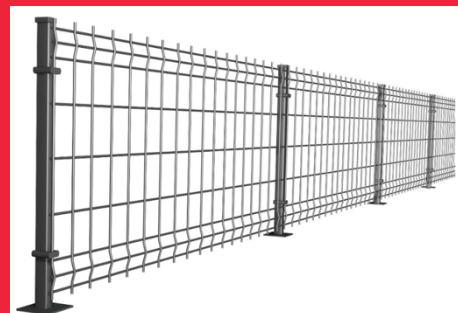




# MATERIAL SPECIFICATION SHEET

## GRADE: SAE 1008


**Material nº:**

 No: **1.9325**
**Equivalencia norma -  
 Standard Reference:**

ASTM A29/A29M

**Other references:**

ISO 683-4

**Tipo de acero -  
 Steel type:**

Mesh quality

**Aplicación - Application:**

Wire rod with a very low Carbon used for many applications as follows:

Thin, annealed, grey and galvanised wires for agricultural and commercial uses.

Bright wire and bars for coating by chrome plating, nickel plating, electrolytic zinc coating, painting.

Industrial and paper staples

Normal and special nails and for automatic nailing

Barbed wire, metal mesh and fencing

Industrial wires, shaped parts for automobiles

**Composición química (%) - Chemical composition (%):**

Element	Min	Max
%C		0,08
%Mn	0,30	1,50
%Si		0,30
%P		0,040
%S		0,050

## Característica mecánicas bruto - Mechanical characteristics (As rolled)

**Resistencia** - Tensile strength (Mpa) 480 Mpa max

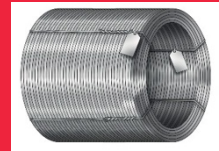
## Tolerancias dimensionales - Dimensional tolerances

Permissible dimensional tolerances:  $\pm 0,40$  mm and permissible out-of-round: 0,60 mm

## Calidad superficial - Surface quality

Surface quality is not guaranteed

## Dimensiones y peso del rollo – Coil dimensions and coil weight



**3100 kg or 2600 kg aprox.** and half coils packed together of 1650 kg or 1300 kg aprox.  
Each coil tied minimum with four strips

### Stelmor line (rod sizes from 5.5 up to 24.0 mm)

Coil weight (kg) aprox.	Coil length (mm) aprox.	Inner diameter (mm) aprox.	Outer diameter (mm) aprox.
2600	1800	800	1250
3100	2000	800	1250

Note: when cutting the coil ties, the length can be increased significantly.

### Stelmor line: Half coils

Coil weight (kg) aprox.	Coil length (mm) aprox.	Inner diameter (mm) aprox.	Outer diameter (mm) aprox.
1300	900	800	1250
1550	1000	800	1250

Note: half coils are delivered in bundles of two coils packed together.

## Hot coiling line (rod sizes from 25.0 up to 52.0 mm)

Coil weight (kg) aprox.	Coil length (mm) aprox.	Inner diameter (mm) aprox.	Outer diameter (mm) aprox.
2600	1700	880	1300
3100	1800	880	1300

Note: when cutting the coil ties, the length should not have a significant increase.  
Other coil weights could be made, if customer needs.