

STEEL PLATES FROM HOT ROLLED COILS

Qualità: S355MC

Micro Alloyed Steel

Grade **S355MC**

Norm **EN10149-2**

W. Nr. **1.0976**

Rolling state **AR- As rolled**

Description High strength steel for cold-forming, thermomechanically-rolled. This steel grade offers excellent bending, flanging, cold-bordering and folding properties in both longitudinal and transverse direction.

Applications Cold pressed parts for all type of vehicles, industrial tanks, containers and agricultural equipment

Standard coils' stock range

	1500	2000
2	• •	
3	• •	•
4	• •	•
5	• •	•
6	• •	•
8	• •	•
10	• •	•
12	•	•
15	•	

Dimensions other than the ones listed here can be sourced on agreement.

At times, some of the dimensions listed here might be unavailable: please make sure to get in touch with our sales department for a real-time update about the actual stock availability.

• = S355MC pickled and oiled

Chemical composition According to UNI EN 10149-2

Element	Al	B	C	Ceq	Cr	Cu	Mo	Mn	N
Min.	0,015								
Max			0,12					1,50	

Element	Ni	Nb	P	S	Si	Sn	Ti	V	Zr
Min.									
Max		0,09	0,025	0,020	0,50		0,15	0,2	

Mechanical properties According to UNI EN 10149-2

Nominal Thickness (mm)	-
Yield Strenght (MPa)	≥ 355
Nominal Thickness (mm)	-
Tensile Strenght (MPa)	430 – 550

Nominal Thickness (mm)	< 3	≥ 3
Elongation A80%	≥ 19	
Elongation A5%	≥ 23	
Temperature (°C)	-20°C (where reported in the MTC)	
Notch Impact Energy (J)	≥ 40	

Tolerances

Dimensional Tolerances

UNI EN 10051

Surface Status

UNI EN 10163-2

Equivalences

W. Nr.	England BS	France AFNOR
1.0976	HR43F35	E355D

Certifications

- EN10204-3.1

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