

# Stainless steel tape

**Grade 201**  
**Standard: ASTM A 240**  
**Edges: rounded**

## Usage:

Installation of cables, ventilation pipes, masts, poles, road signs; suspension of additional equipment to cable lines, process pipework, poles; packaging for transport, bundling of steel and plastic pipes, installation of stubs for flexible pipes, and many more. Components operating in moderate corrosive environments

## Environment:

Urban and industrial environment with moderate pollution. Indoor and outdoor locations with moderate to mild chloride exposure. Urban architecture, steel structures, means of transport. Telecommunications mast structures and industrial electricity grids. Coal mining industry. Underground structures, road tunnels, underground infrastructure for telecommunications. Food industry plants.

## Material characteristics:

- Corrosion resistance in moderate and mild environments
- Very high mechanical strength
- High mechanical properties facilitate clamping without material loss
- Resistance to high temperature oxidation
- Low-temperature resistance
- Smooth finish on all surfaces



CE  
ID: 7331

## Chemical composition

Grade	Element, % (max.)*								
	C	Si	P	S	Mn	Cr	Ni	N	Cu
201	0,15	1,0	0,06	0,03	8,5-11,0	13,0-15,0	1,0-2,0	0,25	0,1

\* Concentration range of elements that meets the requirements for steel grade 201 according to ASTM A 240

## Mechanical and electrical properties

Grade	Mechanical properties *					Electrical properties	
	Tensile strength	Yield strength, min	Extension, min	Hardness, max.		Magnetic permeability	Electrical resistance at 20°C
	$R_m$ , MPa	$R_{p0.2}$ , MPa	$A_{80}$ , %	HBW	HRB	$\mu$	$\Omega\text{mm}^2/\text{m}$
201	600-950	260	40	276	105	1,02	0,70

\* The range of mechanical properties simultaneously meeting the requirements of EN 10088-2 in the supersaturated state