

## Pipe, Steel, Black and Hot-Dipped, Zinc-Coated, Welded and Seamless. – ASTM A53

Application: For mechanical and pressure use, and also for transporting steam, water, gas and etc. Pipes are supplied non-galvanized with plain ends.

Mechanical Properties			
Grade	Yield Strength (Mpa)	Tensile Strength (Mpa)	Elongation (%)
A	≥ 205	≥ 330	20
B	≥ 240	≥ 415	20

Chemical Compositions (%)										
Grade	C	Si	Mn	P	S	Cr	Mo	Cu	Ni	V
A	≤0.25	/	≤0.95	≤0.05	≤0.045	≤0.40	≤0.15	≤0.40	≤0.40	≤0.08
B	≤0.30	/	≤1.20	≤0.05	≤0.045	≤0.40	≤0.15	≤0.40	≤0.40	≤0.08

### Size:

- Outer Dimensions.: 6 mm ~ 180 mm
- Wall Thickness: 1 mm ~ 30 mm
- Length: max 12 meters

### Protection:

Pipes are supplied:

- Black and bear

Upon request, pipes ends are protected by plastic caps

### Marking:

Pipes are supplied with marking according to standard and customer request.

Marking is paint and/or die stenciled on the ends of pipes. The same data, as well as additional information per customer's request, is indicated on the bundle's tags.

### Delivery:

Pipes are supplied in hexahedral bundles or round bundles tied with steel strip.

Weight of bundle - up to 5000 kg upon request of customer.

Each bundle is furnished with three tags.