

## Material properties

<b>Material</b>	<b>St 37 (Germany / DIN)</b>
<b>Group</b>	Structural and constructional steels
<b>Subgroup</b>	DIN 1626-2 Welded steel pipes in unalloyed and low alloy steels for supply purposes, process plant and tanks
<b>Comment</b>	Pipes for general use (commercial quality); Technical conditions of delivery; DIN 1626-2 was superseded by DIN 1615
<b>Application</b>	-

Yield Stress[MPa]			
Dimension	Min	Max	Approx
Welded pipes; <= 16 mm	240	-	-
Welded pipes; > 16 <= 40 mm	230	-	-

Tensile Stress[MPa]			
Dimension	Min	Max	Approx
Welded pipes; <= 16 mm	370	450	-
Welded pipes; > 16 <= 40 mm	370	450	-

Elongation A5 [%]			
Dimension	Min	Max	Approx
Welded pipes; <= 16 mm <b>Note:</b> Lo = 5 x d	23.0	-	-
Welded pipes; > 16 <= 40 mm <b>Note:</b> Lo = 5 x d	23.0	-	-

Chemical Composition [%]			
Criterion	Min	Max	Approx
C	-	0.2000	-
P	-	0.0800	-
S	-	0.0500	-

## Cross Reference Table

Material	Standard	Country
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1.0110

WN

Germany