

EN 10305-1/10305-4 TUBE SPECIFICATIONS

CLASSIFICATION:

In accordance with the classification system in EN 10020 the steel grades given are non-alloy quality steels. The steel grades classified as follows:

- Non-alloy quality steels (E255, E410, 26Mn5, 10510, 15510, 18510 and 37510).
- Non-alloy special steels (C35E and C45E).
- Alloy special steels (26Mo2, 25CrMo4 and 4 CrMo4).

MECHANICAL PROPERTIES OF EN 10305-1/10305-4 TUBE:

Mechanical properties		UTS ksi (MPa)	YS ksi (MPa)	%EL
Name	Number			
E215	1.0212	290-430	215	30
E235	1.0308	340-480	235	25
E355	1.0580	490-630	355	22

EN 10305-1/10305-4 CHEMICAL COMPOSITION FOR TUBE:

Designation			%C	%Mn	%S	%P	%Si	%Al
Name	Number							
E215	1.0212	Min	--	--	--	--	--	0.025
		Max	0.10	0.70	0.015	0.025	0.05	--
E235	1.0308	Min	--	--	--	--	--	--
		Max	0.17	1.20	0.015	0.025	0.35	--
E355	1.0580	Min	--	--	--	--	--	--
		Max	0.22	1.60	0.015	0.025	0.55	--

For more details visit: [EN 10305-1 Tube Supplier](#) & [EN 10305-4 Tube Supplier](#)

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