

API 5CT T95 and C90 Casing: Sour Service Grades, Heat Treatment and Hardness - Data Sheet

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Mechanical properties

Grade	Yield strength	Tensile strength	Maximum hardness	Delivery condition
C90	621 - 724 MPa (90,000 - 105,000 psi)	689 MPa min (100,000 psi)	25.4 HRC	Quenched and tempered
T95	655 - 758 MPa (95,000 - 110,000 psi)	724 MPa min (105,000 psi)	25.4 HRC	Quenched and tempered

Source

C90 and T95 overlap between 655 and 724 MPa and both carry the same 25.4 HRC maximum hardness; the specified minimum, not the grade name, is what sizes the wall. Source: the grade table on this page.

Page: <https://mejorsteel.com/standards/api-5ct-t95-casing/> | The standard is the governing document. MOQ, lead time and price are confirmed on request.