

From ST35.8 to P235GH TC2: functional replacement, not identical standards

Subject	ST35.8 / DIN 17175	P235GH / EN 10216-2:2024	Technical relationship
Status	Legacy market reference	Current EN route for seamless elevated-temperature pressure tubes	The current standard is stated in full; ST35.8 remains only as a legacy reference where useful
P235GH minimum yield up to 16 mm	—	235 MPa	Property comparison is based on the contractual tables rather than grade-name matching
P235GH delivery condition	Per the contractual legacy DIN document	Normalized (+N) ; 880 °C to 940 °C austenitizing range in the 2024 edition	Delivery condition is an explicit standard/product requirement
Test category	Legacy DIN testing structure	TC1 / TC2; this comparison focuses on TC2.	TC2 cannot be inferred from the ST35.8 name

Source / basis: <https://niktrd.com/boiler-tube-st35-8>