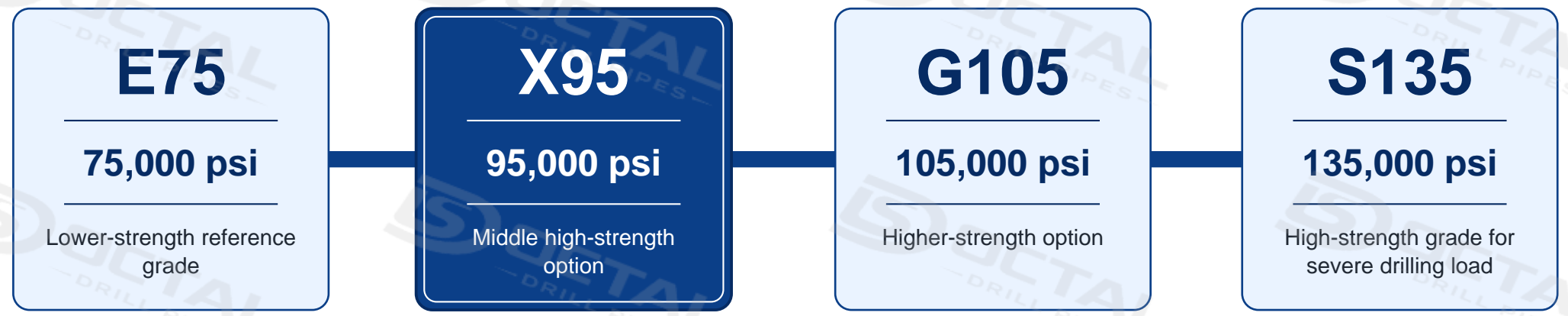




API 5DP Drill Pipe Grade Comparison: E75, X95, G105 and S135

Strength Ladder Reference



X95 sits between E75 and G105 in the API 5DP strength range and is commonly reviewed when a drilling program needs more strength than E75 without moving directly to higher-grade options.



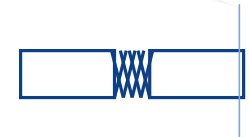
DEPTH



TENSION



TORQUE



CONNECTION



INSPECTION






API 5DP Drill Pipe Grade Comparison: E75, X95, G105 and S135


Practical Selection Guide

E75
75,000 psi



Lower-strength reference grade for moderate drilling load and standard drilling programs.

X95
95,000 psi




Provides higher strength margin than E75 and is commonly selected when the drilling program needs more tensile capacity without moving directly to higher-grade options.

G105
105,000 psi



Selected when the drilling program requires higher tensile and torque demand than X95 can provide.

S135
135,000 psi



Used for heavier, deeper or more severe drilling conditions where the drill string must carry higher load.

! Important Sour Service Note
X95 is not automatically suitable for sour service. H2S service requires separate hardness and SSC review.

Key Review Factors

-  DEPTH
-  TENSION
-  TORQUE
-  CONNECTION
-  INSPECTION

