

When Buyers Should Choose High Collapse Casing?

High Collapse Casing should be considered when the well design shows a high external-pressure risk or when the cost of casing failure is too high to accept. Typical cases include:

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| 1 | Deep production strings under high external pressure | 2 | Depleted reservoirs where internal pressure support may fall over time |
| 3 | Salt formation sections with long-term non-uniform loading | 4 | HPHT wells and high mud weight drilling programs |
| 5 | Offshore or high-cost intervention wells where repair work is expensive | 6 | Heavy-wall production casing requiring tighter dimensional and inspection control |

The purpose is not only to buy a stronger grade. The real value is to keep the pipe body stable under external load and reduce the risk of ovalization, inward deformation and collapse failure.

High Collapse Casing Decision Logic

External load risk	Pipe-body margin	Inspection evidence
Deep well, depleted reservoir, salt section, HPHT, high mud weight	Collapse rating, wall thickness, ovality and heat-treatment consistency	Dimensional records, NDT, hydrotest, MTC and heat/lot traceability