



CARBON STEEL PIPES

ASTM A106 Grade B - Seamless | Website Technical Data Sheet

PRODUCT SPECIFICATION

Product	Seamless Carbon Steel Pipe
Standard / Grade	ASTM A106 / A106M - Grade B (ASME SA-106 Grade B)
Dimensional Standard	ASME B36.10M
Size Range	NPS 1/2 in. to NPS 26 in.
Schedules	SCH 10 to SCH 160; STD, XS and XXS (subject to size / availability)
Length	Single Random / Double Random; fixed 6 m and 12 m lengths available subject to supply
End Type	Plain end, beveled end; threaded end where specified
Surface / Finish	Bare / black; varnished or protective finish as required

MECHANICAL PROPERTIES - GRADE B

Property	Reference minimum / limit
Yield Strength	240 MPa minimum
Tensile Strength	415 MPa minimum
Carbon	0.30% maximum
Silicon	0.10% minimum

TYPICAL APPLICATIONS

- High-temperature and pressure piping in refineries, petrochemical and chemical plants.
- Steam, feedwater, condensate and auxiliary piping in power generation.
- General industrial process piping where seamless carbon steel is specified.