

# CHELPIPE SEAMLESS PIPE 3/4" SCHEDULE 40 / ASTM A106 Grade B



## Material Specifications

**Manufacturer:** CHELPIPE

**Grade:** ASTM A106 Grade B (Equivalent to ASME SA106 Gr.B)

**Type:** Seamless (SMLS)

**Schedule:** 40

**Standard:** ASTM A106/A106M (High-Temperature Service)

## CHEMICAL COMPOSITION (ASTM A106 Grade B)

Element	Composition (%)
Carbon (C)	≤ 0.30
Manganese (Mn)	0.29 – 1.06
Phosphorus (P)	≤ 0.035
Sulfur (S)	≤ 0.035
Silicon (Si)	≥ 0.10
Chromium (Cr)	≤ 0.40
Copper (Cu)	≤ 0.40
Molybdenum (Mo)	≤ 0.15
Vanadium (V)	≤ 0.08

## MECHANICAL PROPERTIES

**Tensile Strength:** ≥ 60,000 psi (415 MPa)

**Yield Strength:** ≥ 35,000 psi (240 MPa)

**Elongation (% in 2"):** ≥ 30%

**Hardness:** ≤ 187 HB (Brinell)