



HIC TESTED PLATE

SA 516-70 HIC

Specialty steel designed and tested for use in dangerous and potentially life-threatening environments

Severe Sour Gas Applications

HIC (hydrogen induced cracking) tested plate is a highly specialized grade of material used in applications involving severe sour gas and environments with H₂S present. HIC tested material is produced and tested with extreme scrutiny in order to provide superior performance in dangerous and potentially life-threatening environments where safety is of the utmost importance.

Grade	Condition	Thickness	Width	Length
SA 516-70	HIC Tested	1/2" to 2"	96" & 120"	240" & 480"

Universal Steel constantly monitors changes in the steel market, in order to grow and adapt to meet the needs of our customers. Our stock specifications are ever-changing, along with the demands and requirements in the industry. As the markets & applications for HIC material continue to grow and diversify, as does Universal Steel.

General Specifications:

- ASME Section II PART 'A' ED. 2015
- HIC Test per NACE TM-0284: 2016 Solution 'A'
- NACE MR0-103 / MR0-175
- S1: Ultrasonic Testing (UT)
- S3: Simulated Post Weld Heat Treat (SPWHT)
- S21: Cr+Cu+Ni+Mo Maximum per SA20
- Specified Maximums: CE, Nb, V, P, & S
- Vacuum Degassed and Calcium Treated
- Banding Test per ASME E-1268

Extensive Processing Capabilities and ASME Code Rolling & Welding

- ASME Code U, U2, and S stamps
- Rolling up to 4" thick and 10' long
- Weld assemblies up to 60' long
- Plasma & Oxy-fuel burning
- Contour Beveling
- Drilling, Tapping, Counterboring, & Countersinking

**In addition to standard stock, Universal has world-wide mill resources capable of meeting custom sizes or specifications*

