



A633 GRC/API 2H50 – 3/4” - 4”

A633 specification covers normalized high-strength low-alloy structural steel plates for welded, riveted or bolted construction requiring superior notch toughness performance at low ambient temperatures.

Typical applications included, but are not limited to utility pole base plates, booms, crawler frames, electric shovel dipper handles, and suspension components.

CHEMISTRY							
GRADE	C	Mn	P	S	Si	V	Fe
API 3/16" thru 2H50 1-1/2"	<=0.220%	1.15/1.50%	<=.035%	<=.040%	0.15/.50%	0.40/.11%	>=97.595%

MECHANICAL PROPERTIES				
THICKNESS	TENSILE KSI	YIELD KSI	% ELONG. MIN	
			8"	2"
2" thru 4"	80/100	60 Min	16	21

*(*All material provided is intended for informational purposes only and should not be used to replace official documents or the advice of a professional.)*

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