



**AR500 – 3/16” - 2”**

**AR500, with its high Brinell Hardness (BHN) rating, is particularly suited for mining equipment, earth moving equipment, ore and aggregate processing, road building equipment manufacturing and fabrication industries, rifle range silhouette targets, target backstops and bullet trap applications.**

<b>CHEMISTRY</b>										
	<b>C</b>	<b>Mn</b>	<b>P</b>	<b>S</b>	<b>Si</b>	<b>Cr</b>	<b>Ti</b>	<b>Mo</b>	<b>V</b>	<b>B</b>
<b>1/4" -2"</b>	<b>.35 max</b>	<b>160 max</b>	<b>.030 max</b>	<b>.030 max</b>	<b>.55 max</b>	<b>.80 max</b>	<b>.020 Max</b>	<b>*</b>	<b>*</b>	<b>.004 max</b>

<b>MECHANICAL PROPERTIES</b>				
<b>THICKNESS</b>	<b>TENSILE KSI</b>	<b>YIELD KSI</b>	<b>% ELONG. MIN</b>	
			<b>8"</b>	<b>2"</b>
<b>thru 3/4"</b>	<b>1449</b>	<b>1297</b>	<b>-</b>	<b>17.9</b>
<b>&gt;3/4" thru 2"</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>

*(\*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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