



Ameriwear® 400/Amerituf® 500

Overview

These grades are used in highly abrasive environments within the mining, cement, aggregate, and various ground engaging applications. Both our Ameriwear® 400 and Amerituf® 500 have additional alloying elements which increase formability and enhance weldability.

Chemical Requirements

*Elements represented in percentage

Elements	Ameriwear® 400		Amerituf® 500	
	Min., %	Max, %	Min., %	Max, %
Carbon	0.12	0.16	0.25	0.31
Manganese	—	1.55	—	0.95
Silicon	0.35	0.55	0.45	0.55
Sulfur	—	0.005	—	0.005
Molybdenum	0.20	0.55	—	0.65
Phosphorus	—	0.025	—	0.025
Nickel	—	1.00	—	1.00
Chromium	—	0.55	—	0.75
Boron	—	0.005	—	0.005

* Chemistry may vary depending on thickness and application – Please inquire