

| Alloys Code       | Description  | Available Forms                                      |
|-------------------|--|--|
| <b>AI-17600</b>   | A seamless, MIG wire for applying crack-free overlays to components subject to combinations of impact and abrasion. Outstanding weldability in all positions, with spatter-free welds possible. 600BH. | 1.2mm (16kg spools)                                  |
| <b>AI-1568</b>    | General purpose chrome carbide hardfacing for abrasive applications. 62HRc   | 1.2mm, 1.6mm, 2.0mm (25kg spool), 2.8mm (250kg drum) |
| <b>AI-1558</b>    | Titanium carbide hardfacing for high impact applications, particularly in crushers. 58HRc  | 1.2mm, 1.6mm, 2.4mm                                  |
| <b>AI-1543</b>    | Complex Chrome Carbide with 7% Nb. 62HRc. For high abrasion/moderate impact  | 1.2mm, 1.6mm, 2.4mm                                  |
| <b>AI-1558NbV</b> | Complex carbide (Cr, Nb and V carbides) hardfacing with the addition of manganese to increase impact resistance. Extreme abrasion and impact resistance. 62 HRc  | 1.2mm, 1.6mm, 2.4mm                                  |
| <b>AI-1579Nb</b>  | Complex chrome carbide for high abrasion moderate impact applications.   | 1.2mm, 1.6mm   |
| <b>AI-1541</b>    | 40% tungsten carbide wire with a reinforced, hardened, iron-based matrix. Similar abrasion resistance to previous generation 60% tungsten carbide hardfacing wires                                     | 1.2mm, 1.6mm   |
| <b>AI-1779VC</b>  | 62% tungsten carbide in a nickel matrix, with added hard carbides in the matrix. This product has the best abrasion resistance currently available on the market.                                      | 1.2mm, 1.6mm   |



- **AI-15XX** are open-arc, no gas required
- **AI-17XX** are MIG wires
- **All spools 15kg** unless otherwise stated

### VOLUMETRIC WEAR RESISTANCE

