

HAYNES[®] HR-235[®] alloy

Weld Solidification Cracking Resistance

HAYNES[®] HR-235[®] alloy is resistant to weld solidification cracking, as measured by the VARESTRAINT weldability test. Materials with significant silicon contents, such as HR-160[®] alloy, are prone to this form of cracking, as a result of their wider melting ranges. Having a low silicon and aluminum content, HR-235[®] alloy is resistant to weld solidification and strain-age cracking. This is an improvement over other alloys intended for metal dusting resistance. It is also available as a filler wire with matching composition. For more information, visit our [Welding and Fabrication Brochure](#).

