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[www.astrolite.com](http://www.astrolite.com)

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# Astrolite<sup>®</sup> ZR 702

## Product Description:

Astrolite<sup>®</sup> ZR 702, (also known as Zirconium 702, Zircadyne<sup>®</sup>702, Zirc 702) is a commercially pure zirconium weld wire used in chemical process equipment welding applications for pressure vessels, heat exchangers, piping, tanks, mixers, pumps, and valves. ZR 702 is the 'workhorse' grade of Zirconium.

Astrolite<sup>®</sup> UltraGrade™ wire cleaning processes insure very clean™ wire surface for reliable welding performance.

## Specifications:

AWS A5.24 R60702, UNS R60702

## Composition & Mechanical properties:

Zirconium + Hafnium	99 min.
Hafnium	4.5
Other interstitials	Unreported

Density (LBs/Cubic inch)	0.234
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## Available Product Forms and Sizes, Packaging & Identification:

Straight Lengths	Spooled
AMS-2814 – Except with hermetically sealed containers with argon gas under slight pressure. Vapor barrier packaging <i>available upon request</i> . <i>1 LB and 5 LB bags available.</i>	Precision layer wound, with controlled cast and helix AMS-2814 – Except with hermetically sealed containers with argon gas under slight pressure.  <b>AM grade available</b> – Specially processed with tightly controlled cast, helix, reduced-twist providing better wire positioning and weld process control.
36" (914 mm) – Standard length. Other lengths <i>available on request</i> . <b>Flag tagged</b> on one end per AMS-2816. <i>Tagging of both ends available upon request.</i> <b>Color coding</b> to AMS-2819 or customer-specific specification is <i>available upon request</i> . <b>DFARs compliant</b>	12" – Standard spool diameter <i>Other spool diameters; 4" &amp; 8" diameter spools available on request.</i>
<b>Diameters:</b> 0.020", 0.025", 0.030" x 0.035", 0.040", 0.045", 0.062", 0.078", 0.093", 0.125"	<i>Upon request special diameters and shapes may be available.</i>

## DFARS Compliant



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